

ORIGINAL

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SECRETARY OF THE
COMMISSION

2022 MAY 31 P 2:37

FEDERAL ENERGY
REGULATORY COMMISSION

Memo

24 May 2022

D-15275-000

Joe Stephens
3609 Tongass Ave. #5416
Ketchikan, AK 99901

To whom it may concern,

Attached is a copy of an Application for Preliminary Permit. I sent a hardcopy of this application to you along with 8 copies as required for filing.

However, Due to the COVID-19 situation. I have also sent a copy of this application to your organization via regular email. Therefore, if you would like to dispose of this hardcopy and simply utilize email, this would be preferred.

Sincerely,

Joe Stephens
Joe.stephens.mail@gmail.com

Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426
United States

Joe Stephens
3609 Tongass Ave. #5416
Ketchikan, AK 99901
joe.stephens.mail@gmail.com

17 May 2022

Federal Energy Regulatory Commission,

I have attached to this correspondence an Application for Preliminary Permit.

Additionally, I sent a copy of this application to a number of stakeholders. I also sent this application to the FERC electronically.

If you have any questions regarding my Application please feel free to contact me.
Thank you, for your time and effort.

Sincerely,

A handwritten signature in cursive script that reads "Joe Stephens". The signature is written in black ink and is positioned above the printed name and email address.

Joe Stephens
joe.stephens.mail@gmail.com

Before the Federal Energy Regulatory Commission
Application for Preliminary Permit

18 § 4.32 (a)

- (1) The following is a list of names of every person, citizen, association of citizens, domestic corporation, municipality, or state that has or intends to obtain and will maintain any proprietary right necessary to construct, operate, or maintain the project;

Joe Stephens

- (2) (i) No County has been identified with this project.
(ii) This project will be within the City and Borough of Sitka, however it is located entirely on federal land.

City & Borough of Sitka Alaska
100 Lincoln St.
Sitka, AK 99835

- (iii) Irrigation and Drainage Sites

Alaska Department of Natural Resources
Natural Resource Conservation & Development Board
550 W. 7th Ave., Suite 1360
Anchorage, AK 99501

- (iv) No other political divisions have an interest in this project.

- (v) SEALASKA is one of thirteen Alaska Native Regional Corporations created under the Alaska Native Claims Settlement Act of 1971. The project does not lie within the lands claimed by the SEALASKA Native corporation.

- (3) (i) The applicant, Joe Stephens, has given notice of the filing of the application by certified mail to all

- (A) Property owners of record
(B) Entities in paragraph (a)(2) of 18 § 4.32.

- (ii) The applicant, Joe Stephens, is filing a Preliminary Permit with the Federal Energy Regulatory Commission. See the application for a detailed description of the project boundary and principal features as a whole in relation to any affected waterway.

Joe Stephens
3609 Tongass Ave.
Ketchikan, AK 99901
(757) 652-7689

- (4) See Certification following.
(5) Preliminary Permit Application
(i) Preliminary Permit 18 § 4.81 (See application following)

(4) (i) This application is subscribed and verified by the applicant, Joe Stephens.

(4)(ii) (Execution - following)

(5) (i) The information and documents prescribed in 18 § 4.81 preliminary permit are present in this application for a preliminary permit.

(b) (1) Copies were sent.

(2) Application was submitted.

(3) (i) Information was made reasonably available to the public.

(ii) No known archaeological sites are present at the site of this project.

(4)

(i) The information was made reasonably accessible, reviewable, and reproducible.

(ii) The information was made accessible at

(a) the public library in the City and Borough of Sitka, and the City of Ketchikan.

(b) The information was made accessible during regular business hours.

(c) The information was made reproducible in an easy format.

(5) Anyone may file a petition with the Commission requesting access to the information specified in paragraph (b)(3) of this section if it believes that an applicant is not making the information reasonably available for public inspection or reproduction. The petition must describe in detail the basis for the petitioner's belief.

(6) The applicant, Joe Stephens, will twice publish a notice of filing of this preliminary application, no later than 14 days from the filing date. Said notices will state the following,

The filing date of the application and brief summary,

Applicant's name and address,

The type of facility applied for,

Its proposed location,

The places where the information specified in paragraph (b)(3) of this section is available for inspection and reproduction,

The date by which any requests for additional scientific studies are due under paragraph (b)(7) of this section,

The deadline for filing protests and motions to intervene, and

The Commission will publish subsequent notices soliciting public participation if the application is found acceptable for filing.

The applicant, Joe Stephens, will provide the Commission with proof of the publications of these notices.

(7) Section not applicable to preliminary permit applications.

(8) Section not applicable to preliminary permit application.

(9) The requirements of paragraphs (b)(3) to (b)(8) of this section only apply to an application for license or exemption filed on or after May 20, 1991. Paragraphs (b)(3) and (b)(4) of this section do not apply to applications subject to the requirements of § 16.7 of this chapter.

(c) (1) The applicant, Joe Stephens, will not seek benefits under section 210 of PURPA.

(d) Accepted applications - The Commission shall

(1) Notify the applicant

(2) Issue public notice.

(e) Deficient Applications

(1) (i) An applicant having a deficient application will be afforded additional time to correct deficiencies, not to exceed 45 days from the date of notification in the case of an application for a preliminary permit or exemption from licensing. Notification will be by letter or, in the case of minor deficiencies, by telephone. Any notification will specify the deficiencies to be corrected. Deficiencies must be corrected by submitting the specified materials or information to the Secretary of the Commission within the time specified in the notification of deficiency in accordance with filing procedures posted on the Commission's Web site at <http://www.ferc.gov>.

(f-j) See 18 § 4.32

(k) This application contains no references to any Critical Energy Infrastructure Information (CEII)

Before the Federal Energy Regulatory Commission

Application for Preliminary Permit

- (1) Joe Stephens applies to the Federal Energy Regulatory Commission for a preliminary permit for the proposed "Small Hydroelectric Power #1" water power project, as described in the attached exhibits. This application is made in order that the applicant may secure and maintain priority of application for a license for the project under Part I of the Federal Power Act while obtaining the data and performing the acts required to determine the feasibility of the project and to support an application for a license.

- (2) The location of the proposed project is:

State or territory:	Alaska, USA
County:	Baranoff Island
Township or nearby town:	(S5,S6,S7,S8) T57S R68E County Copper River
Stream or other body of water:	56.9530 N 134.7535 W

- (3) The exact name, business address, and telephone number of the applicant are:

Joe Stephens
3609 Tongass Ave. #5416
Ketchikan, AK 99901
(757) 652-7689

The exact name and business address of each person authorized to act as agent for the applicant in this application are:

Only authorized agent: Joe Stephens
3609 Tongass Ave. #5416
Ketchikan, AK 99901
(757) 652-7689

- (4) Joe Stephens is a citizen and is not claiming preference under section 7(a) of the Federal Power Act.
- (5) The proposed term of the requested permit is 48 months.
- (6) No existing dam or facility is in existence.

(b) Exhibit 1 - attached

(c) Exhibit 2 - attached

(d) Exhibit 3 - attached

Exhibit 1 – Section B

(1) No dams are proposed with this project.

(2) Reservoir: Existing Water Features - The lake to the North West of Nelson Bay will be utilized as a source for water intake to the power generation system.

surface area:	148.05 acres / 6,449,018 ft ²
storage capacity:	45 million ft ³
maximum surface elevation:	400-460 feet

(3) No power lines are initially proposed with project.

(4) Energy Production

average annual energy production:	4,104,000 kW-hr
installed capacity:	5,000,000 kW-hr
hydraulic head:	400 feet
number of turbines:	1 initially
rated turbine capacity:	500 kW
age of proposed turbine:	new

(5) See attached Form FERC 587 and (see **Maps 1-7**).

(6) This project will not be connected to the national power grid. The project will have its intake at a set distance below the surface of the lake to prevent draw down of the lake past a certain point.

Exhibit 2 – Section C**(1) General Requirement****(i) Studies**

- The only studies thus far to be conducted by the applicant is to verify the water quantity in the stream that could be affected by the construction of the project. Either a stream gauge will be installed, or manual recordings of the flow will be conducted over a course of a period.
- The State Dept of Fish and Wildlife may conduct studies of the location and quantity of fish at the proposed location. This has been stated to be conducted at the expense of the State agency.

(ii) No new roads will be constructed in conjunction with this project.

(2) No dams are proposed with this project.

(3) Waiver – No waiver is required due to no dam construction requested. A waiver is not needed for paragraph (c)(2) of this chapter.

(4) Costs and Finances

- (i) I would estimate that the cost to conduct all studies planned by the Applicant is less than \$5000. This would mostly consist of transportation to the location.
- (ii) It is planned to finance these expenses via private capital.

Exhibit 3 – Section D

- (1) The physical location of the project as a whole can be seen on the Maps and Imagery attached to this exhibit. (See Maps 1-7)
- (2) The physical location and principal project features including the powerhouse, conduit/waterway, intake can all be seen on the Map attached to this exhibit. (See Map 7)
- (3) Project Boundary Location
 - (i) The principal project features are shown on the Maps and Imagery attached to this exhibit. (See Maps 4-7)
 - (ii) There are no non-Federal lands part of this project.
- (4) There are no National Wild or Scenic Rivers Systems within this project's boundaries.
- (5) There are no wilderness designated areas, areas recommended for designation as wilderness areas or wilderness study areas contained within this project's boundaries.

Form FERC-587
OMB No. 1902-0145
(Expires 10/31/2018)

LAND DESCRIPTION

**Public Land States
(Rectangular Survey System Lands)**

1. STATE Alaska 2. FERC PROJECT NO. NA
3. TOWNSHIP 57S RANGE 68E MERIDIAN County Copper River

4. Check one:

☐ License
☒ Preliminary Permit

Check one:

☒ Pending
☐ Issued

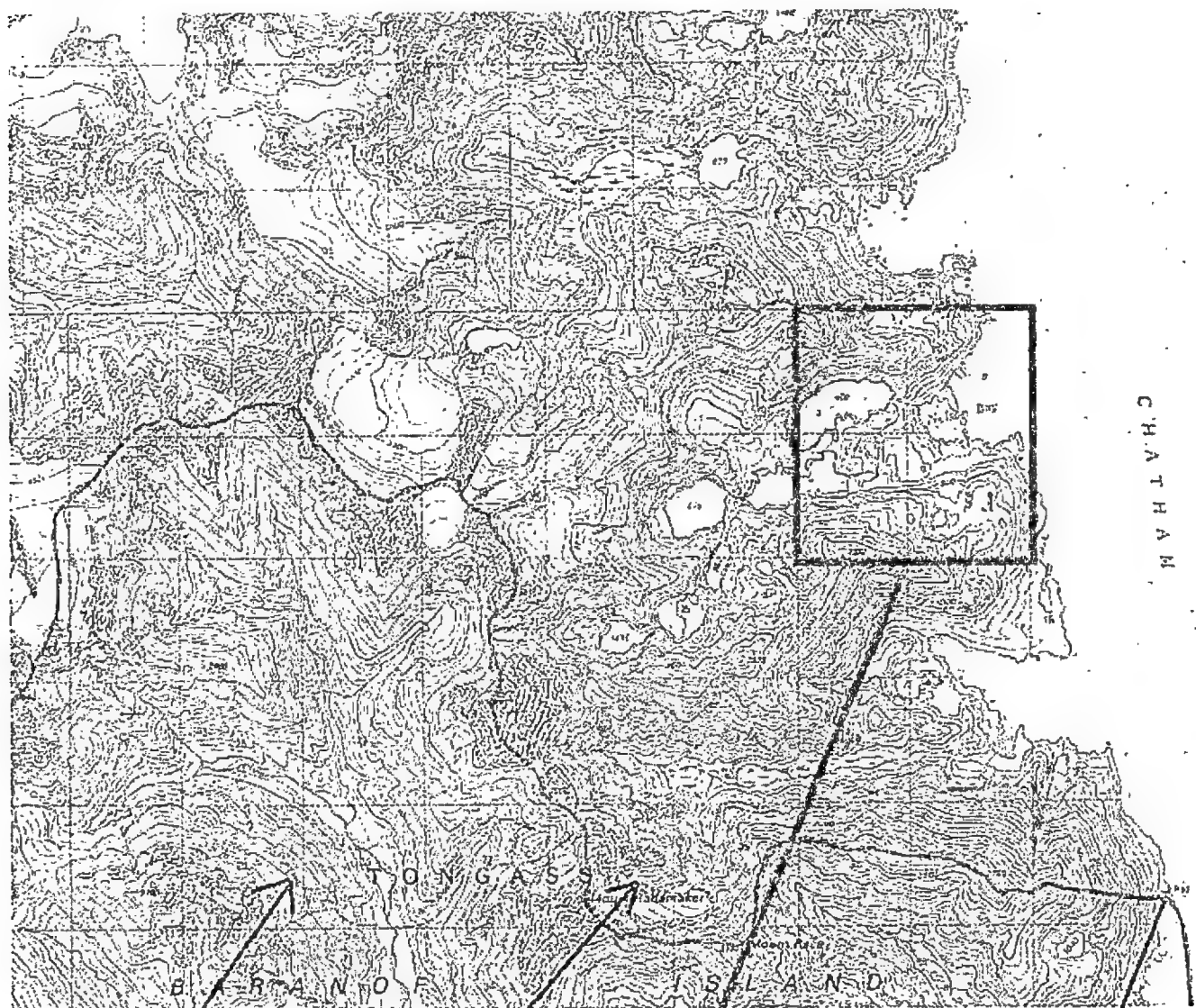
If preliminary permit is issued, give expiration date: May 2026

5. EXHIBIT SHEET NUMBERS OR LETTERS

Section 6	5	4	3	2	1
X	X				
7	8	9	10	11	12
X	X				
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

6. contact's name Joe Stephenstelephone no. ((757) 652-7689)Date submitted May 2022

This information is necessary for the Federal Energy Regulatory Commission to discharge its responsibilities under
Section 24 of the Federal Power Act.



Federal Lands

Wilderness
Designated
Area

Forest
Designated
Area

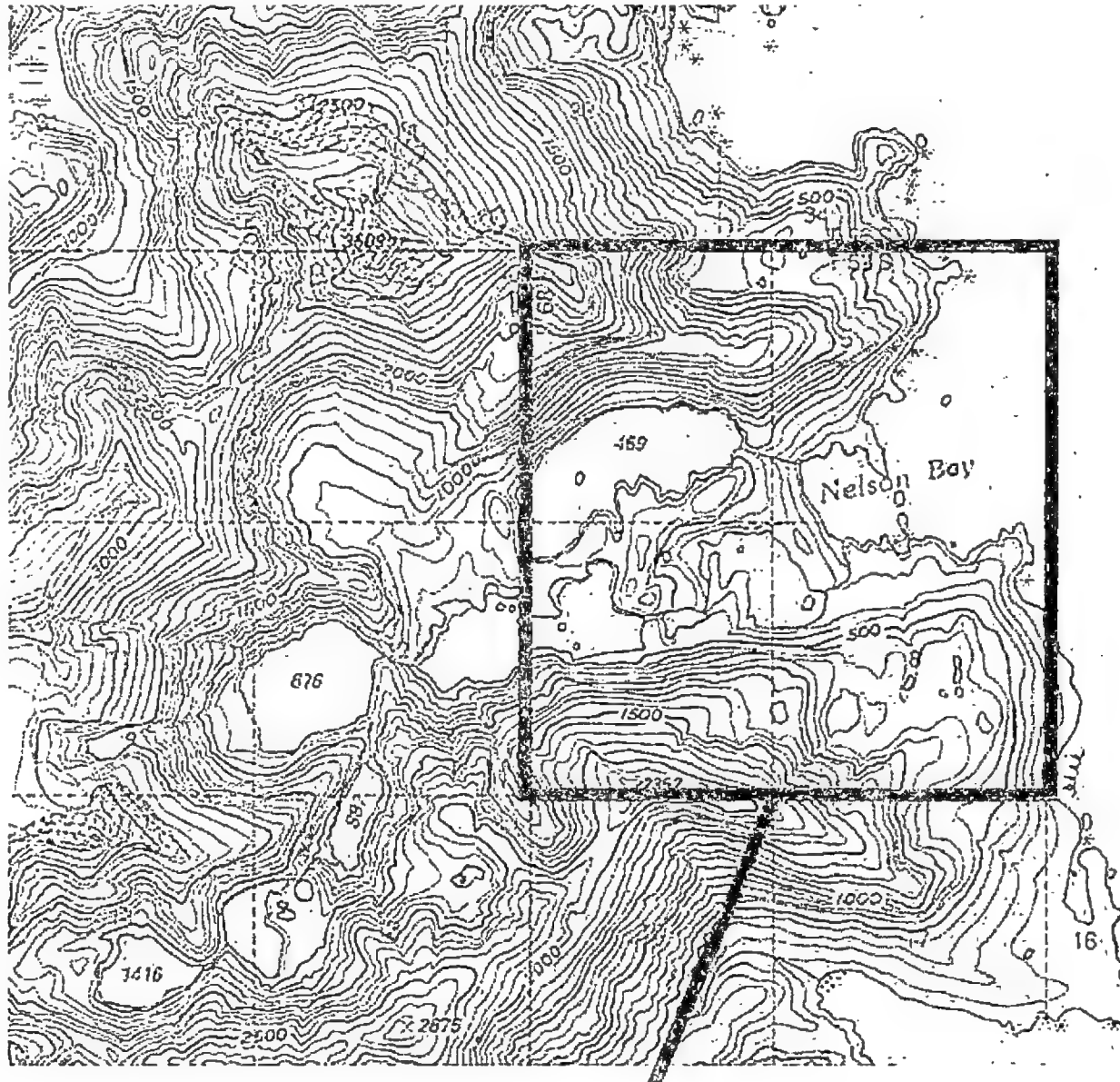
(S5, S6, S7, S8) T57S R68E
County Copper River
Project Location

Wilderness / Forest
Boundary



1 mile

Map 2



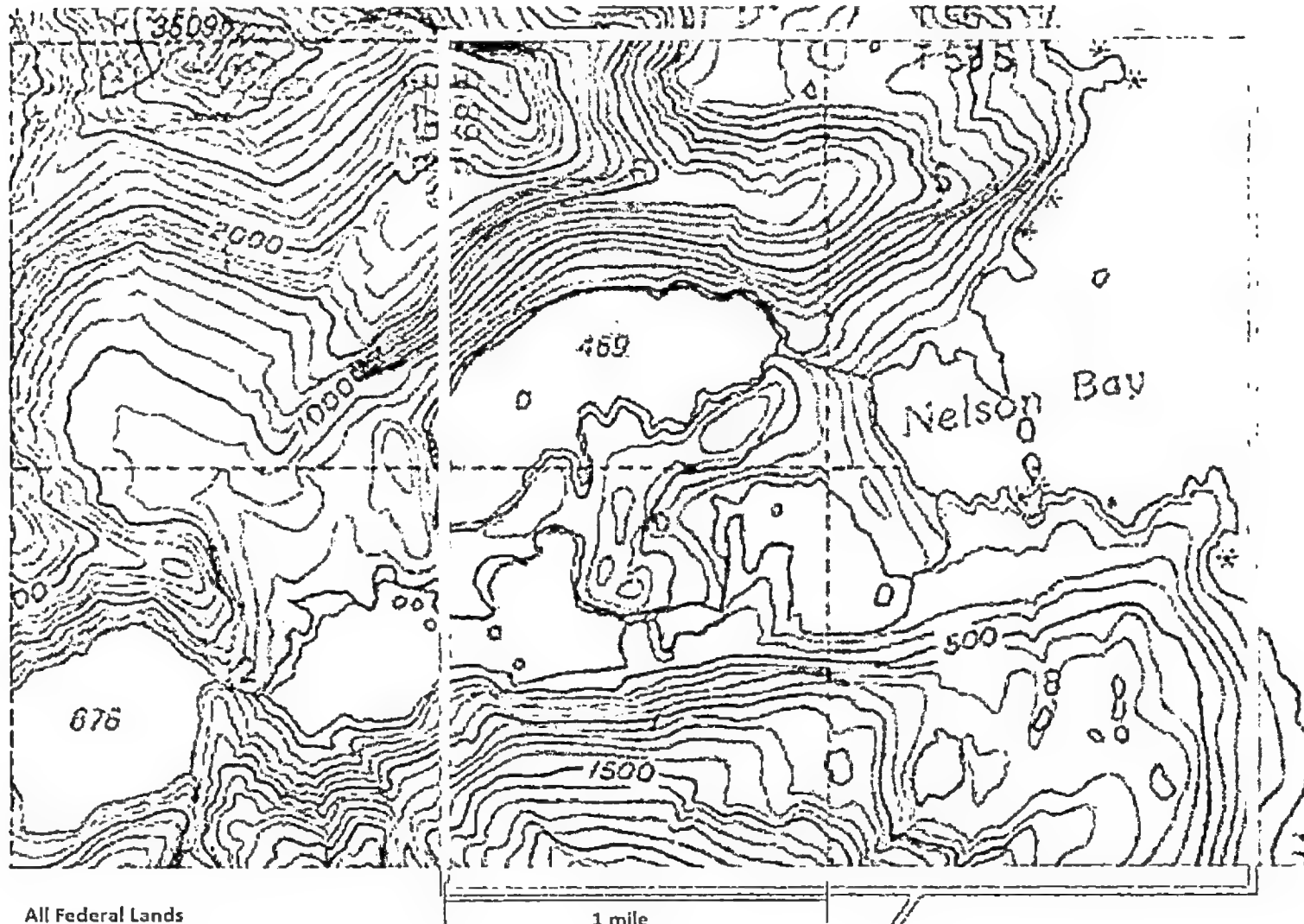
C H A T H A M

All Federal Lands

(S5, S6, S7, S8) T57S R68E
County Copper River
Project Location

1 mile

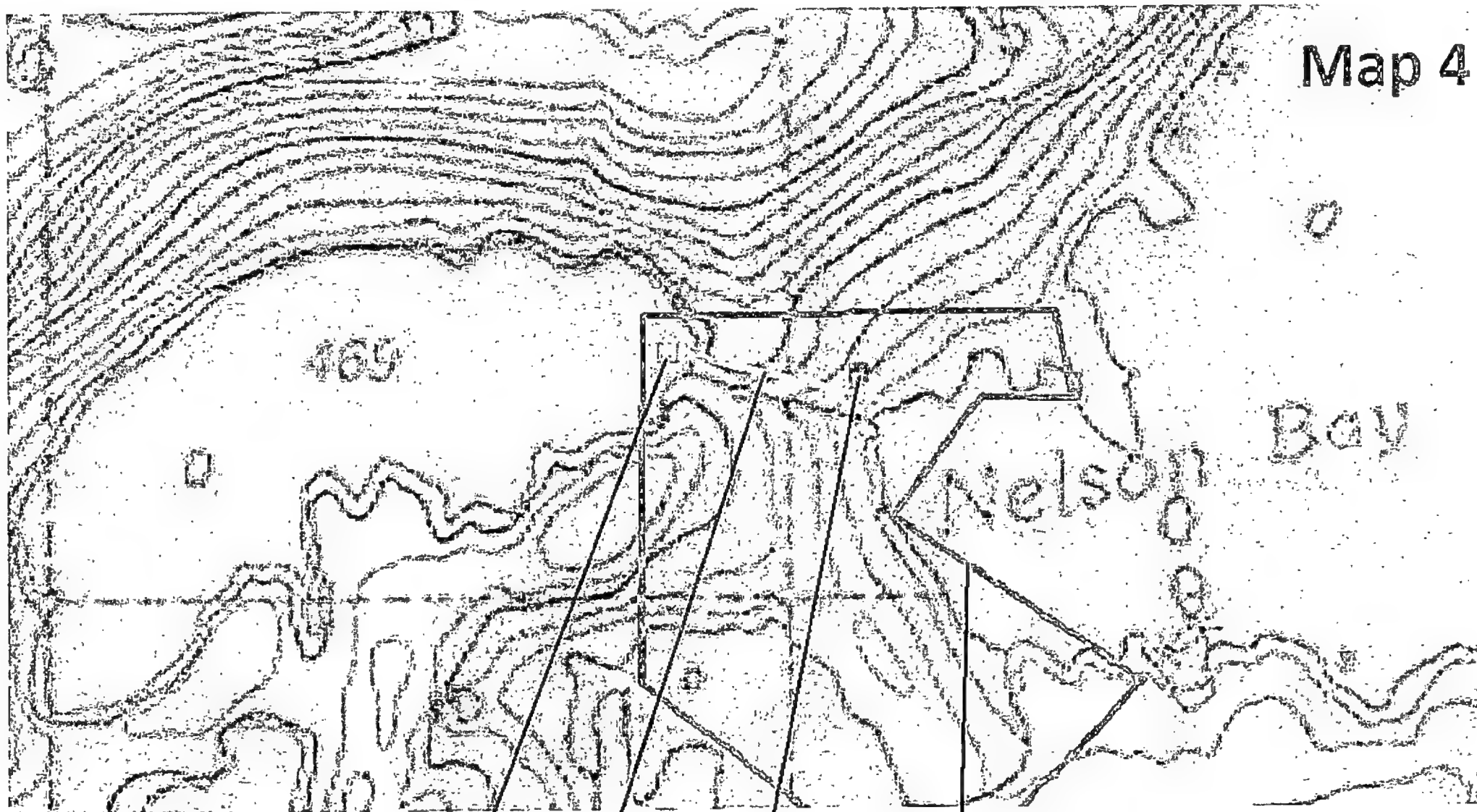
Map 3



(55, 56, 57, 58) T57S R68E
County Copper River
Project Location

C
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Map 4



All Federal Lands

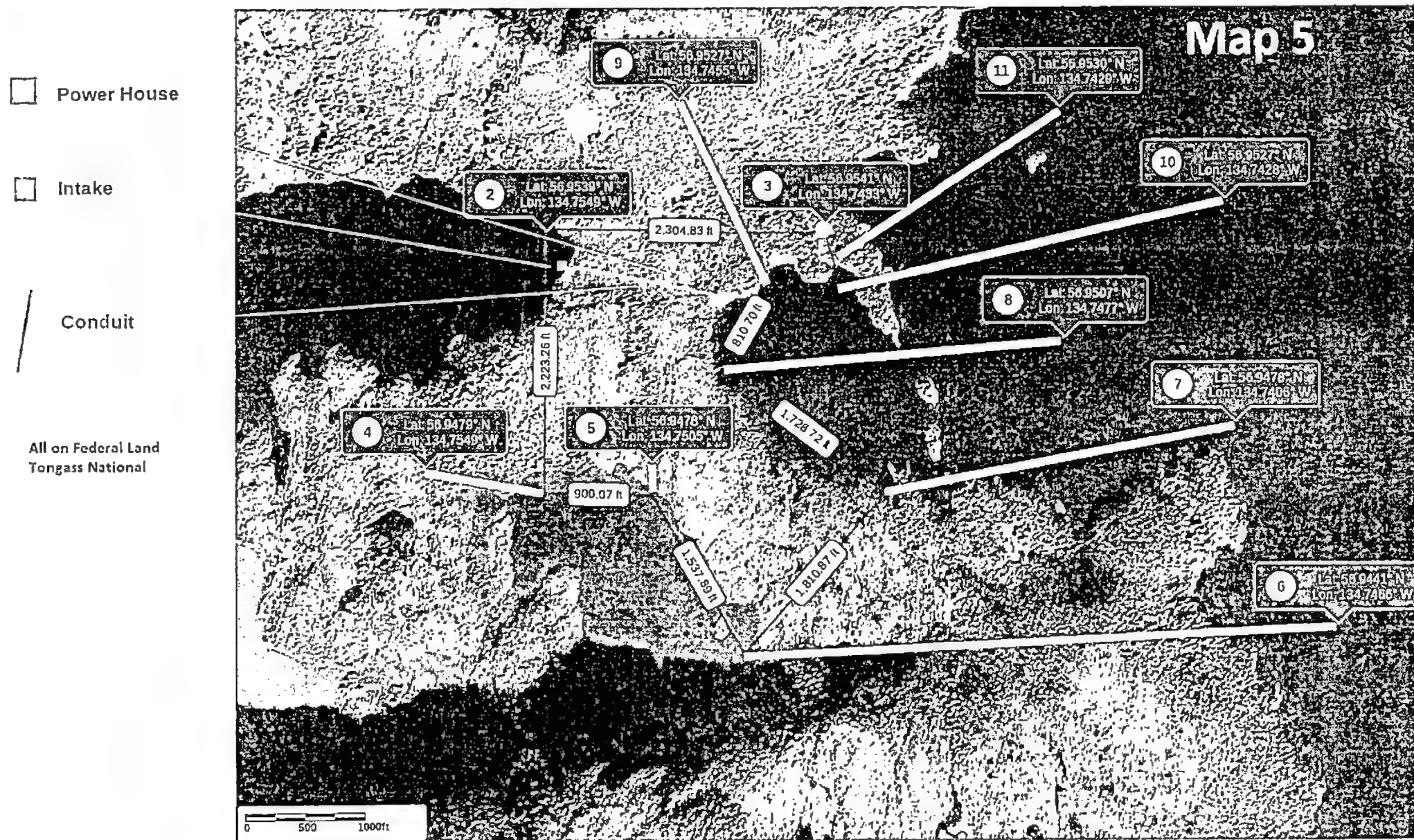
Intake

Conduit

Power House

Project Boundary

1/4 mile



Map 6

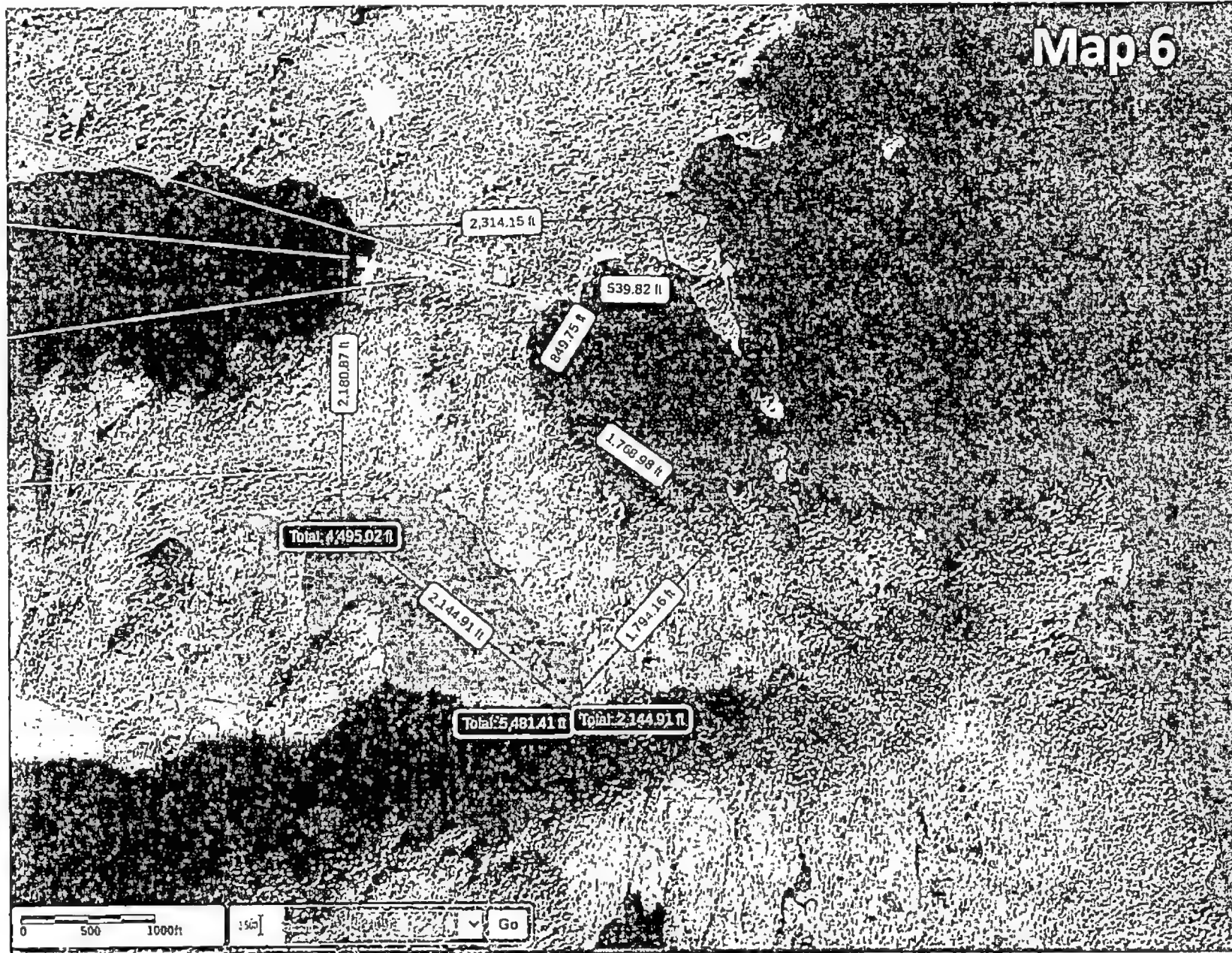
 Power House

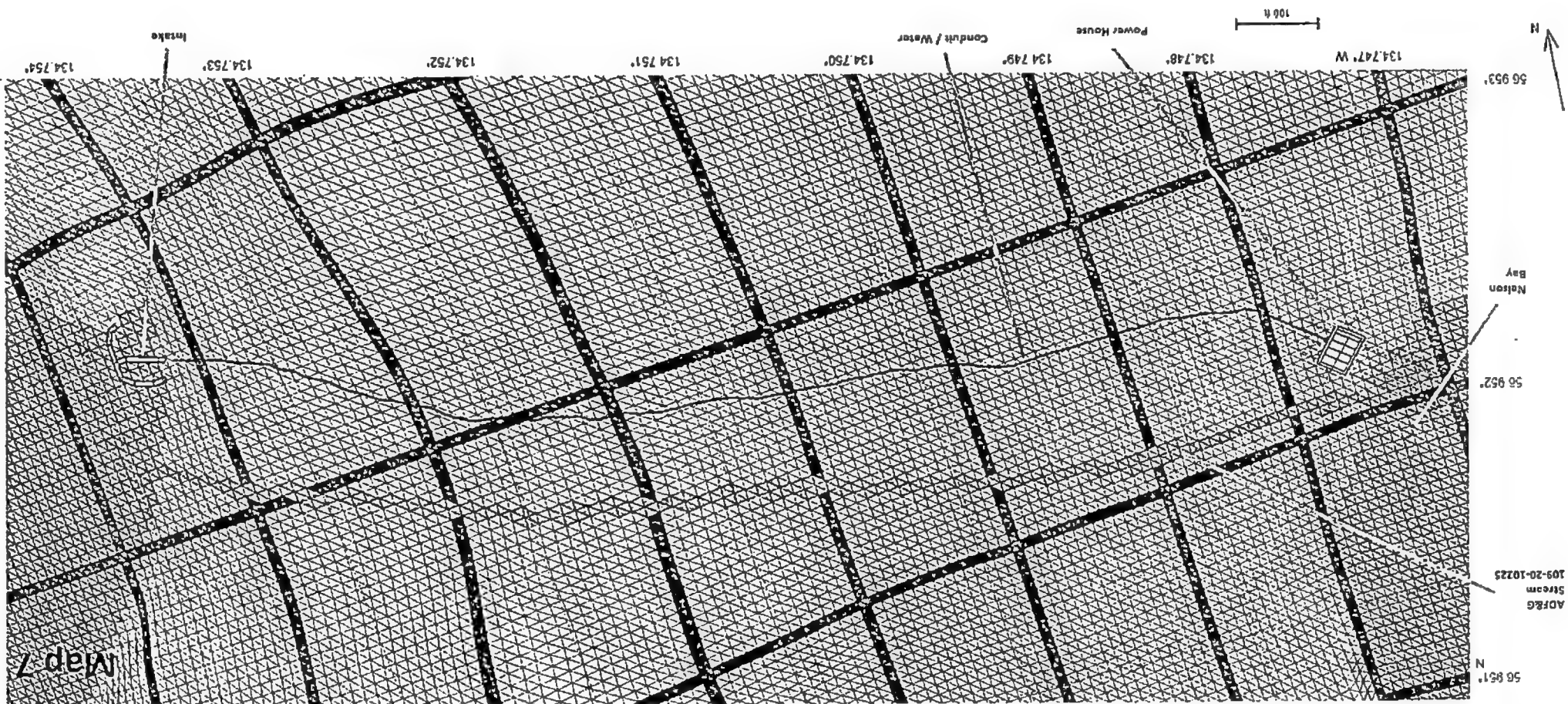
 Intake

 Conduit

 Boundary

All on Federal Land
Tongass National





Map 8

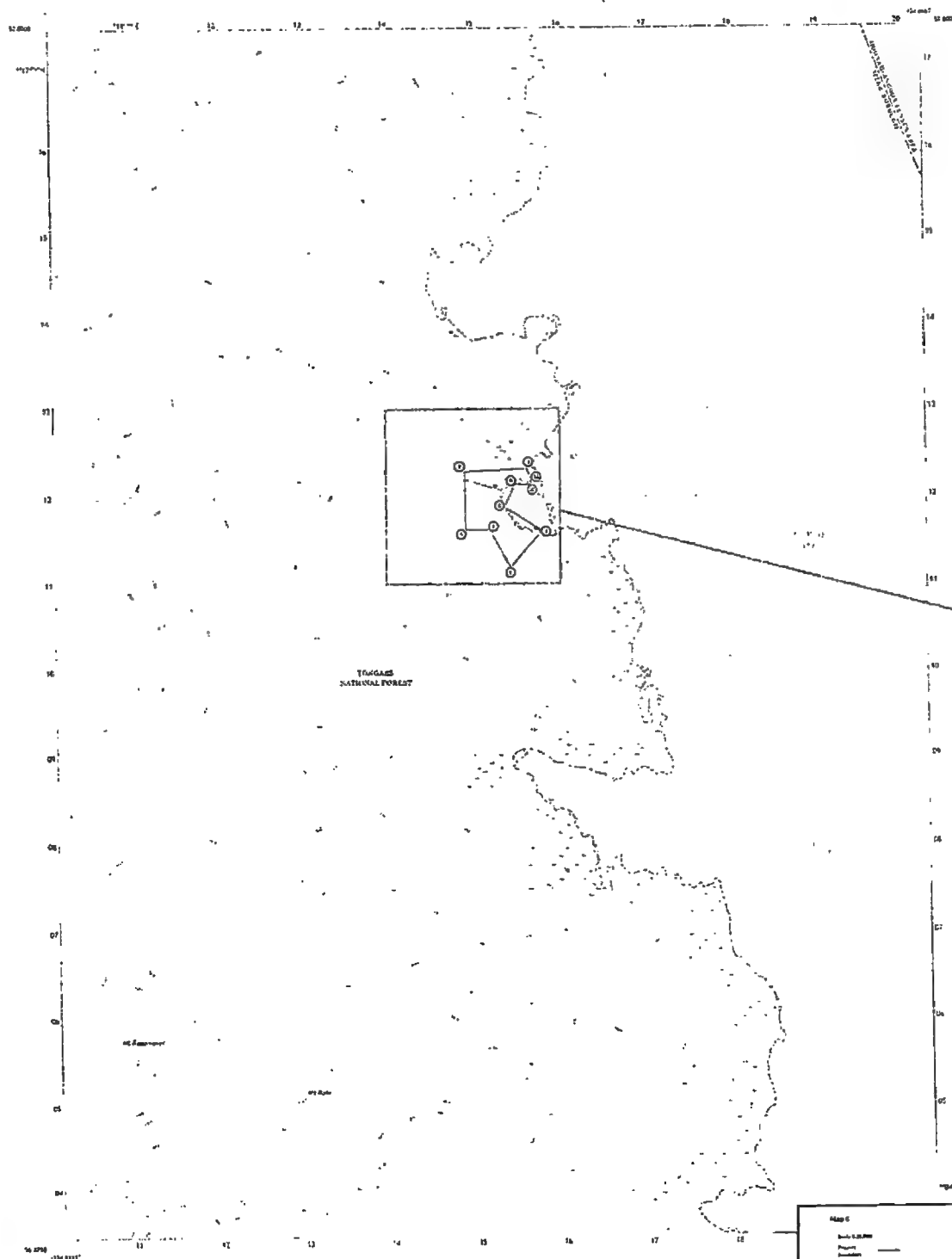


U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

US Topo



PORT ALEXANDER D-3 NE QUADRANGLE
ALASKA
7,5-MINUTE SERIES



Area of
interest



Produced by the United States Geological Survey
under authority of the National Map Accuracy Act of 1966
and the National Map Accuracy Act of 1982
as amended. This map is a reproduction of the original map
and is not a substitute for the original map.

Map 8
Scale 1:25,000
Projection: UTM
Datum: NAD 83
Units: Meters
Elevation: 0 to 1000 feet
Contour Interval: 20 feet
Map Date: 2011
Map Author: USGS
Map Editor: USGS
Map Reviewer: USGS
Map Approval: USGS



Map 8
Scale 1:25,000
Projection: UTM
Datum: NAD 83
Units: Meters
Elevation: 0 to 1000 feet
Contour Interval: 20 feet
Map Date: 2011
Map Author: USGS
Map Editor: USGS
Map Reviewer: USGS
Map Approval: USGS

NO-3 QUADRANGLE
This map is a reproduction of the original map and is not a substitute for the original map.
The map is a reproduction of the original map and is not a substitute for the original map.
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PORT ALEXANDER D-3 NE, AK
2011

1	2	3
4	5	6
7	8	9

Map 8	Scale 1:25,000	Projection: UTM	Datum: NAD 83	Units: Meters	Elevation: 0 to 1000 feet	Contour Interval: 20 feet	Map Date: 2011	Map Author: USGS	Map Editor: USGS	Map Reviewer: USGS	Map Approval: USGS
1	2	3	4	5	6	7	8	9	10	11	12

18 § 4.32 (a)(4)(ii) This (application, etc.) is executed in the

State of Alaska

Borough of Ketchikan

By:

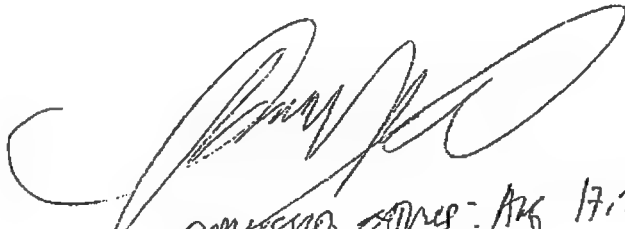
Joe Stephens
3609 Tongass Ave.
Ketchikan, AK 99901

Being duly sworn, depose(s) and say(s) that the contents of this (application, etc.) are true to the best of his knowledge or belief. The undersigned applicant has signed the application this 12 day of May, 2022

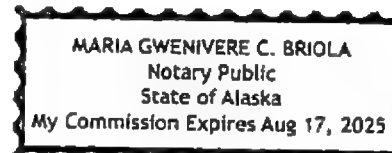


By:

Subscribed and sworn to before me, a Notary Public, of the State of Alaska this 12th day of May, 2022



Commission Expires: Aug 17, 2025



CERTIFICATE OF SERVICE

I hereby certify that I caused to be served, by U.S. First Class Mail, the Preliminary Permit Application upon all interested parties designated on the attached service list in the "Small Hydroelectric Power #1" project, in accordance with 18 CFR § 4.301.

25 May 2022


Signature

CC Federal Energy Regulatory Commission
Alaska Dept. of Fish and Game
National Marine Fisheries Service
U.S. Fish and Wildlife Service
Fish and Wildlife Conservation Office, Juneau Satellite Office
SEALASKA
City & Borough of Sitka Alaska
US Dept. of Agriculture
Tongass National Forest
Environmental Protection Agency
Department of the Interior
Bureau of Land Management
Alaska Department of Natural Resources
National Park Service
Alaska Dept. of Environmental Conservation Division of Water (DEC)
FERC - Portland Regional Office

[Small Hydroelectric Power]

INTERESTED PARTIES MAILING LIST

	Organization	Contact	Date	Address
1	Alaska Dept. of Fish and Game	Kindra Geis kindra.geis@alaska.gov	6 May 2022	P.O. Box 115526 1255 W. 8th Street Juneau, AK 99811-5526
2	Alaska Dept. of Fish and Game Habitat Section, Douglas Office	(907) 465-4105 dfg.hab.infodou@alaska.gov Henry Leasia henry.leasia@alaska.gov	6 May 2022	802 3rd Street, 1st Floor Douglas, AK 99824
3	National Marine Fisheries Service	Sam Irsik sam.irsik@noaa.gov	6 May 2022	NOAA Fisheries Directorate 1315 East-West Highway 14th Floor Silver Spring, MD 20910
4	U.S. Fish and Wildlife Service	Susan Alexander Refuge Manager Susan Alexander U.S. Fish & Wildlife Service (fws.gov)	6 May 2022	Director-U.S. Fish and Wildlife Service MAIN INTERIOR 1849 C STREET NW, ROOM 3331 WASHINGTON, DISTRICT OF COLUMBIA 20240-0001
5	Fish and Wildlife Conservation Office, Juneau Satellite Office	Doug Cooper douglass_cooper@fws.gov Mike Daigneault mike_daigneault@fws.gov	6 May 2022	3000 VINTAGE BOULEVARD, SUITE 201 JUNEAU, ALASKA 99801-7125
6	SEALASKA	Corporate Secretary corpsec@sealaska.com	6 May 2022	One Sealaska Plaza, Suite 400 Juneau, AK 99801
7	City & Borough of Sitka Alaska	Leach, John administrator@cityofsitka.org	6 May 2022	100 Lincoln St. Sitka, AK 99835
8	US Dept. of Agriculture	askusda@usda.gov Savell, Samia L samia.savell@usda.gov	6 May 2022	1400 Independence Avenue, S.W. Washington, DC 20250

9	Tongass National Forest	Earl Stewart comments-alaska-tongass@fs.fed.us	6 May 2022	648 Mission Street Federal Building Ketchikan, AK 99901-6591
10	Environmental Protection Agency	Jennifer McLain, Director mclain.jennifer@epa.gov	6 May 2022	Environmental Protection Agency 1201 Constitution Ave NW Washington, DC 20004
11	Department of the Interior	Rob Manning, US bureau of reclamation rmanning@usbr.gov	6 May 2022	US Department of the Interior 1849 C Street NW Washington, DC 20240
12	Bureau of Land Management	Nicholas Douglas Office of Energy, Minerals, and Realty Management ndouglas@blm.gov	9 May 2022	1849 C Street NW Washington, DC 20240
13	Alaska Department of Natural Resources	Carl Reese carl.reese@alaska.gov	5 May 2022	State of Alaska Department of Natural Resources 550 W. 7th Ave, Suite 1360 Anchorage, AK 99501-3557
14	National Park Service	charles_sams@nps.com NewsMedia@nps.gov	6 May 2022	National Park Service 1849 C Street NW, Washington, DC 20240
15	Alaska Dept. of Environmental Conservation Division of Water (DEC)	Randy Bates randy.bates@alaska.gov	5 May 2022	Department of Environmental Conservation PO Box 111800 Juneau, Alaska 99811
16	FERC - Portland Regional Office	Douglas Johnson Regional Engineer Office of Energy Projects douglas.johnson@ferc.gov	9 May 2022	FERC - Portland Regional Office 805 SW Broadway Fox Tower - Suite 550 Portland, OR 97205

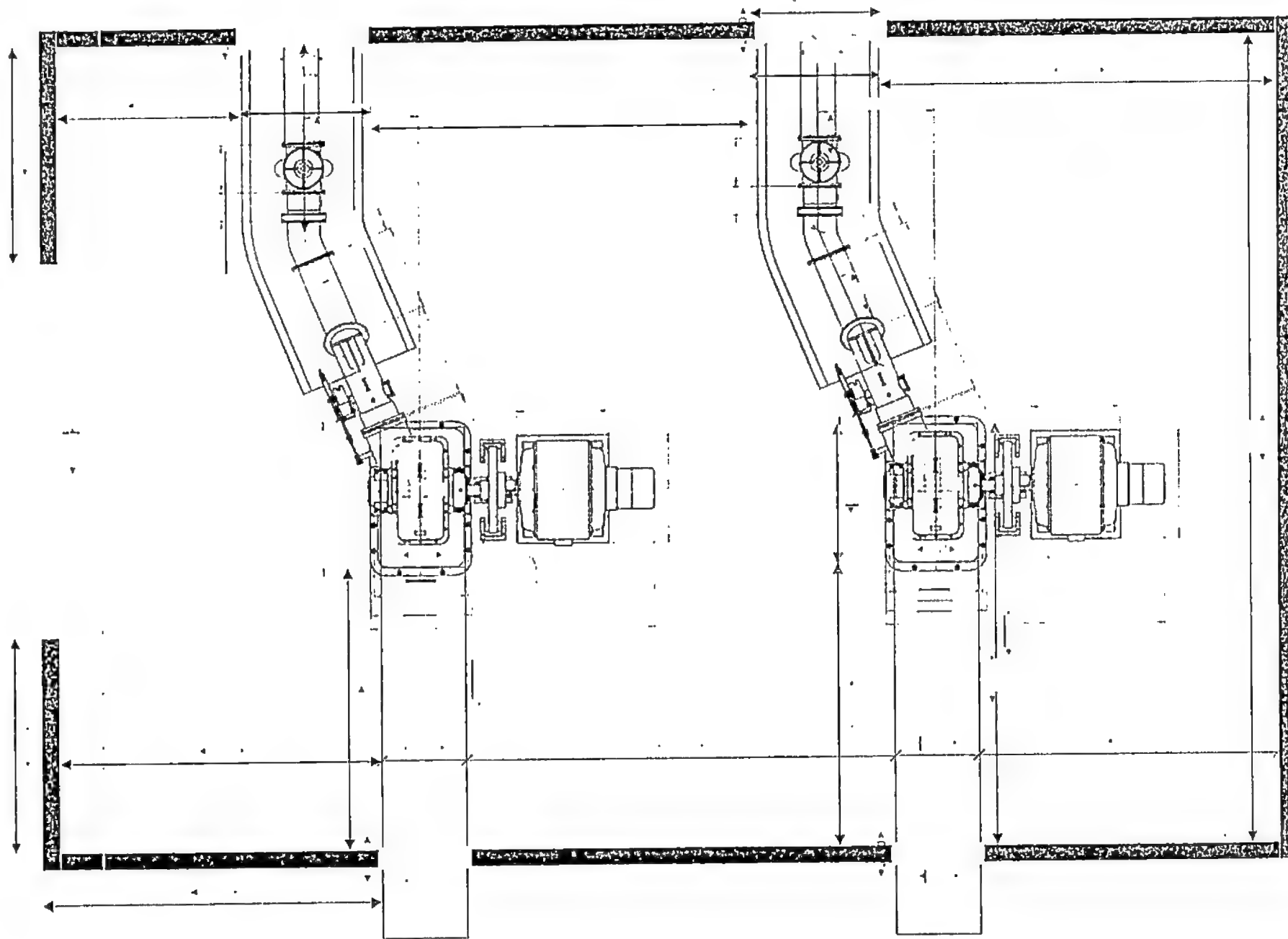
Preliminary Technical Drawings

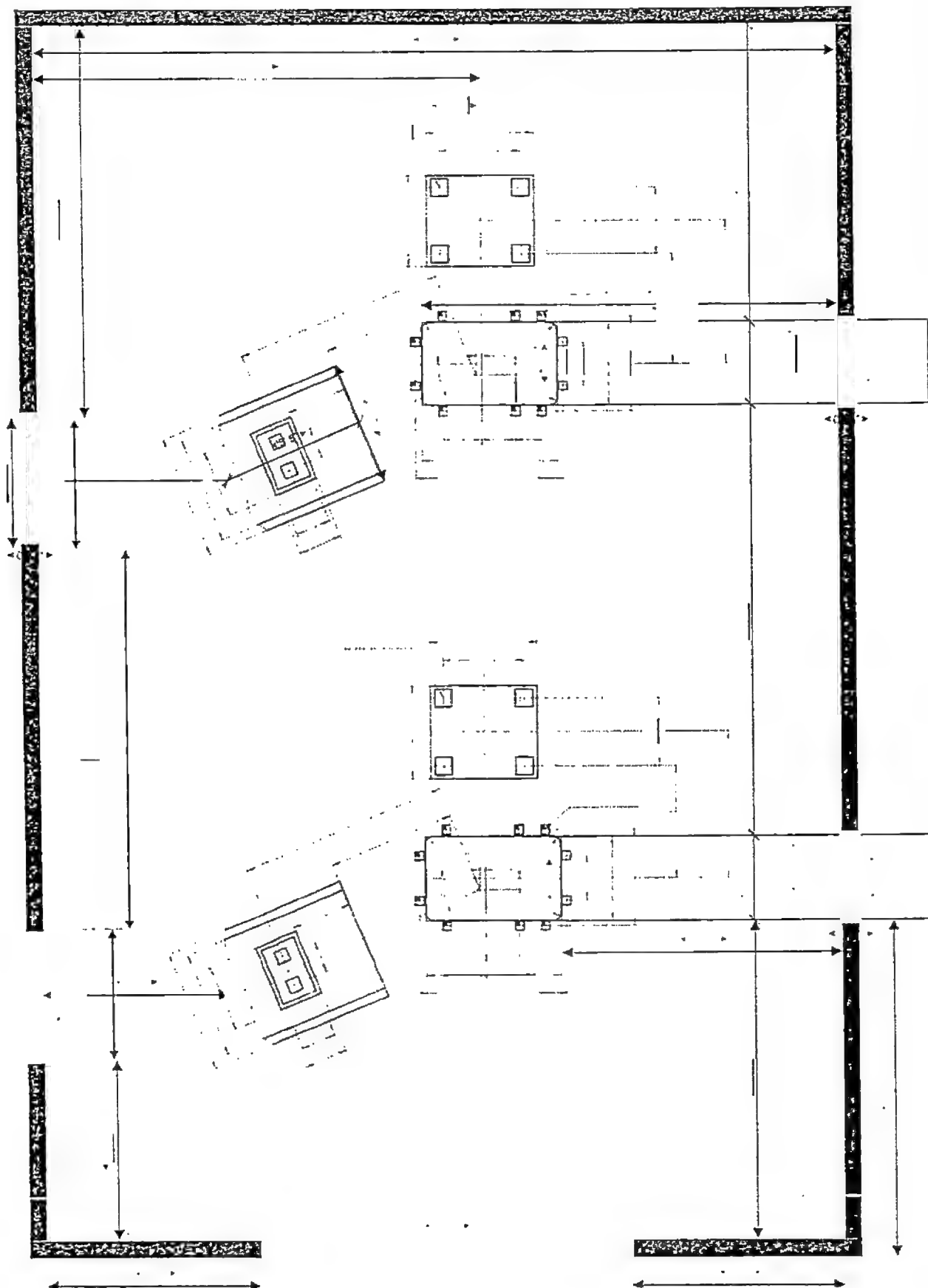
General Purpose

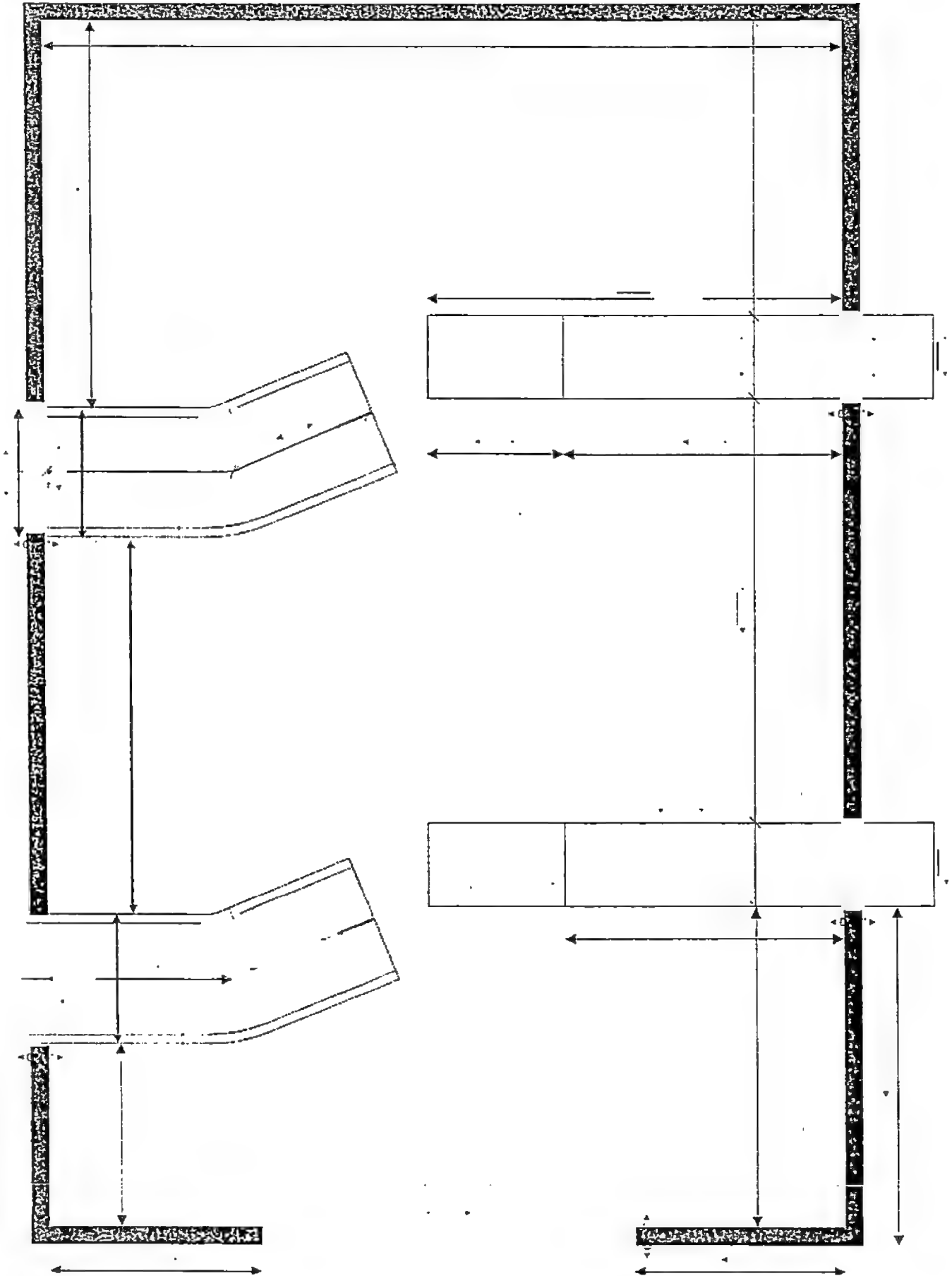
The general purpose of these structures and facilities is to provide power to operations to be conducted in the vicinity. The electricity will be used to provide power to floating vessels while those vessels are in the vicinity of this project.

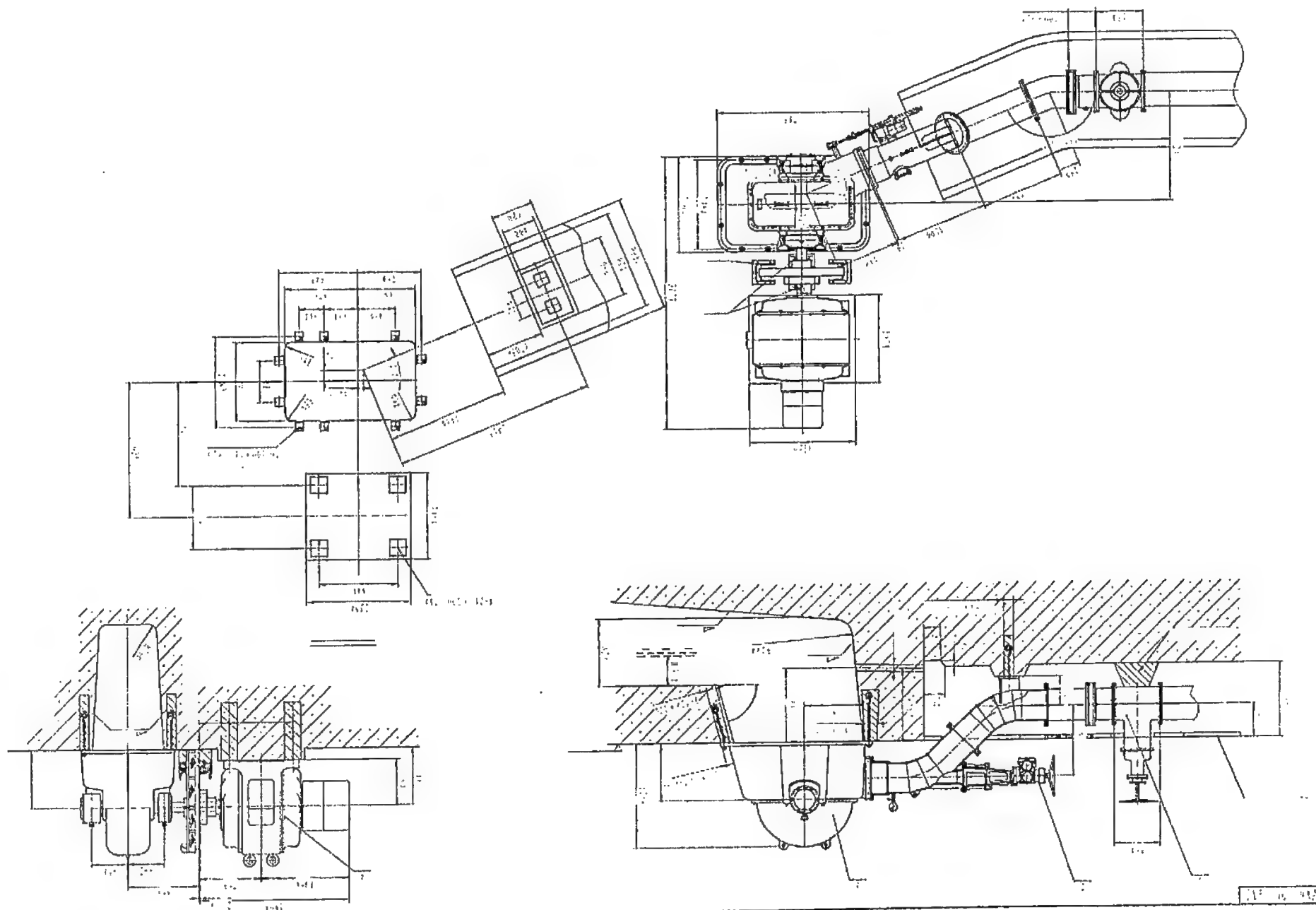
Detailed Structural Drawings

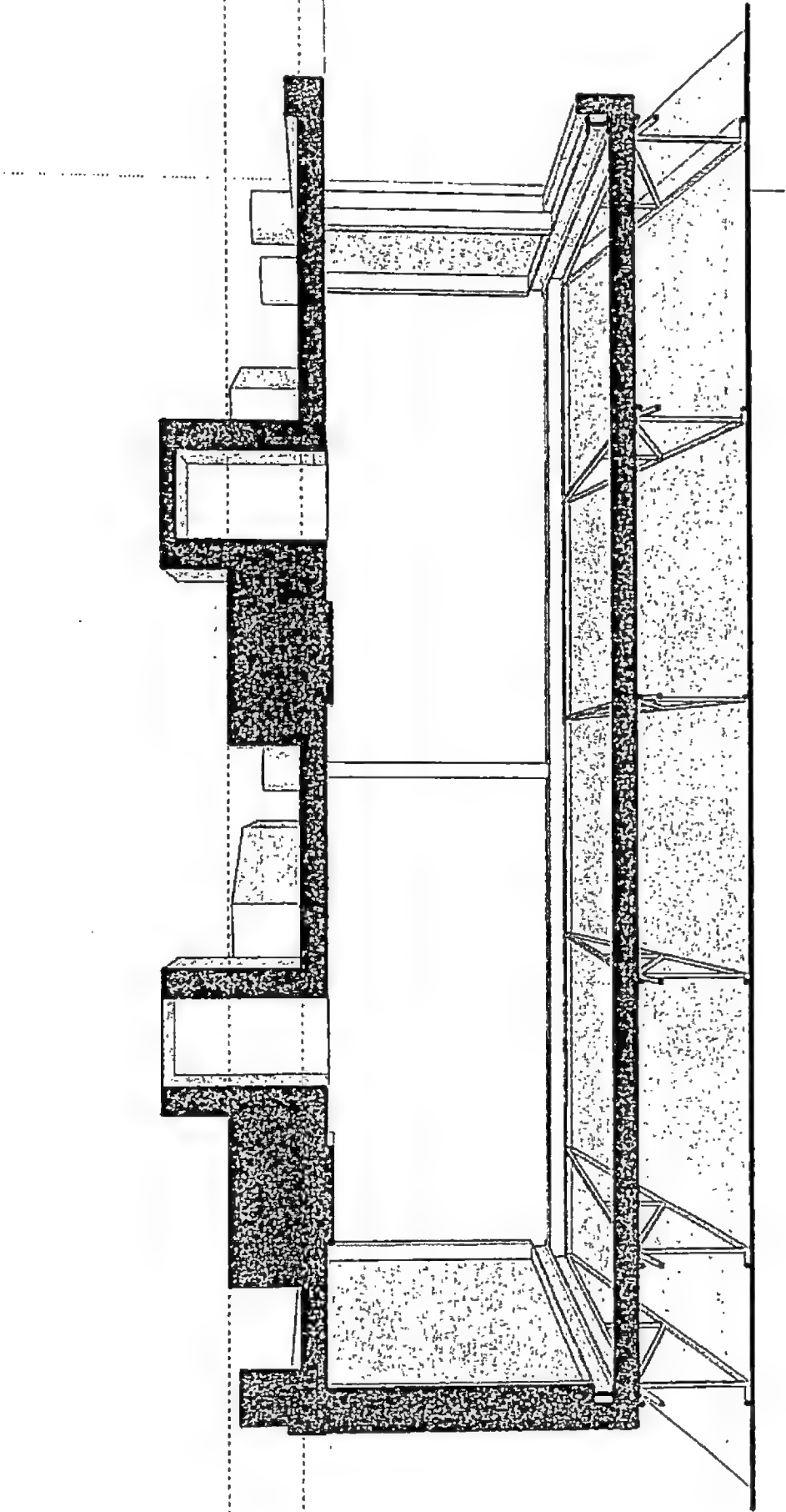
The attached technical drawings are of a highly speculative nature. The exact location, sizes, and characteristics of these structures are all subject to change based on the results of planned studies. These studies will be conducted after granting of the preliminary permit. These technical drawings are simply provided as an example of what size and structure are generally planned for this project.

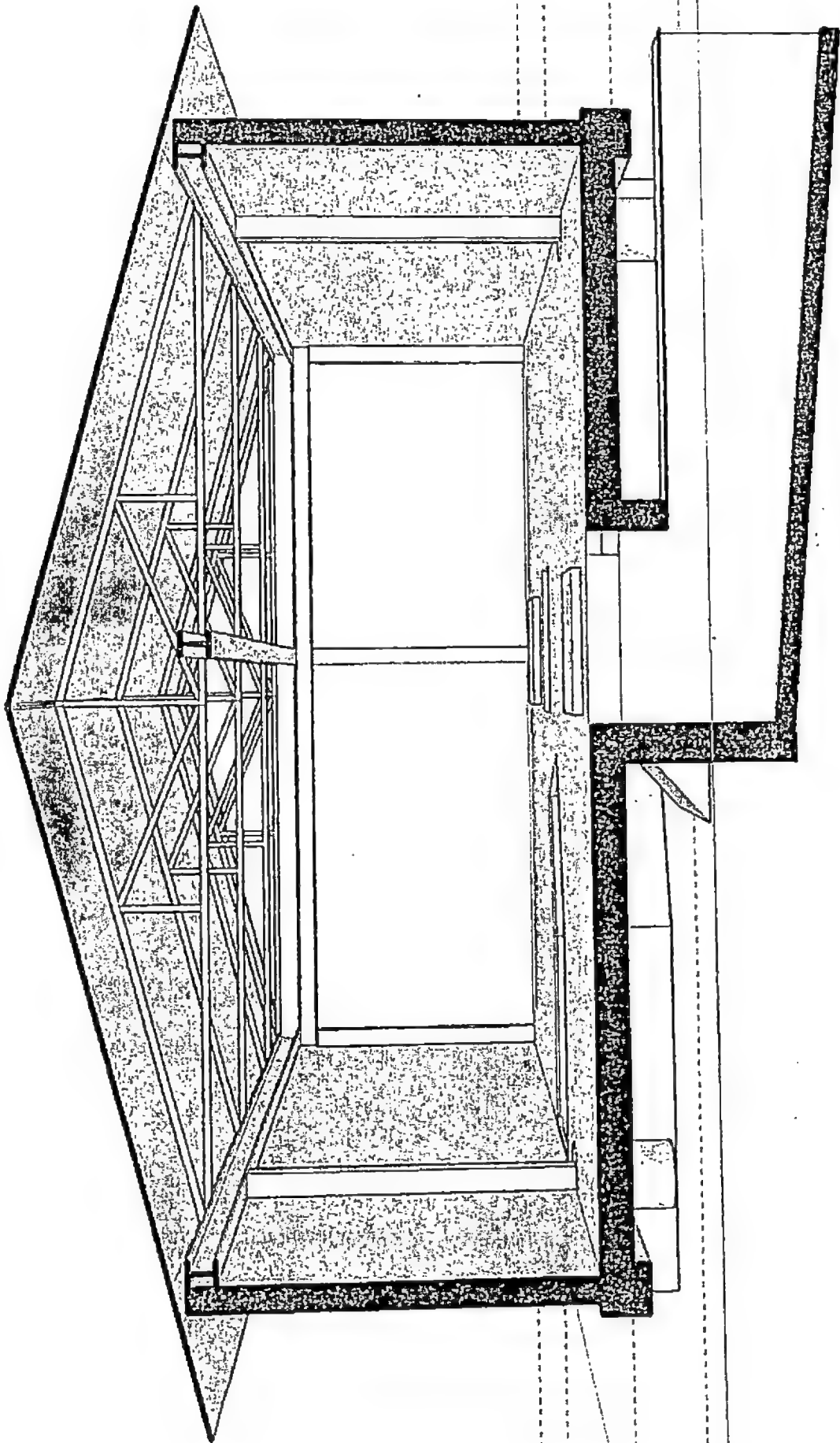


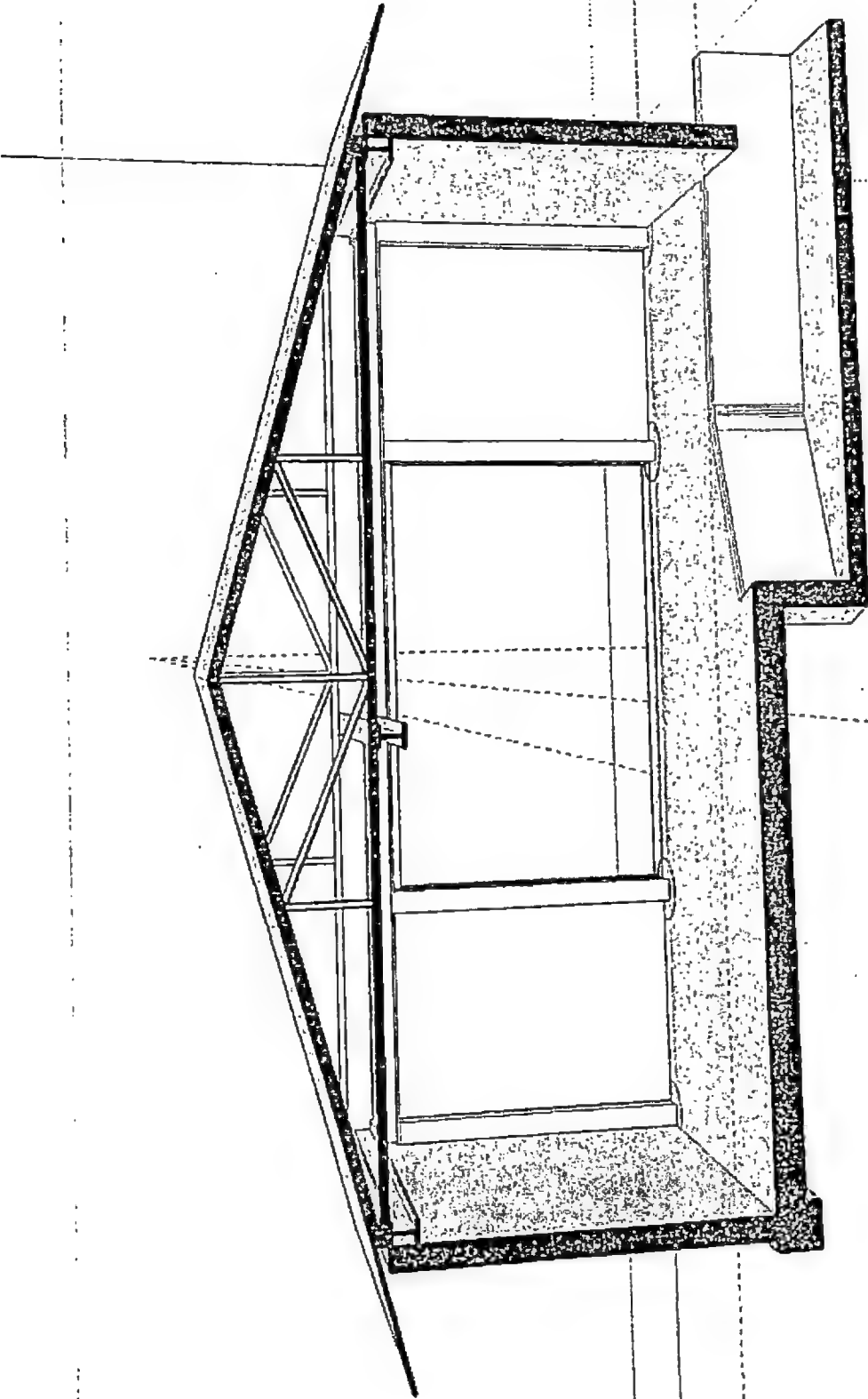


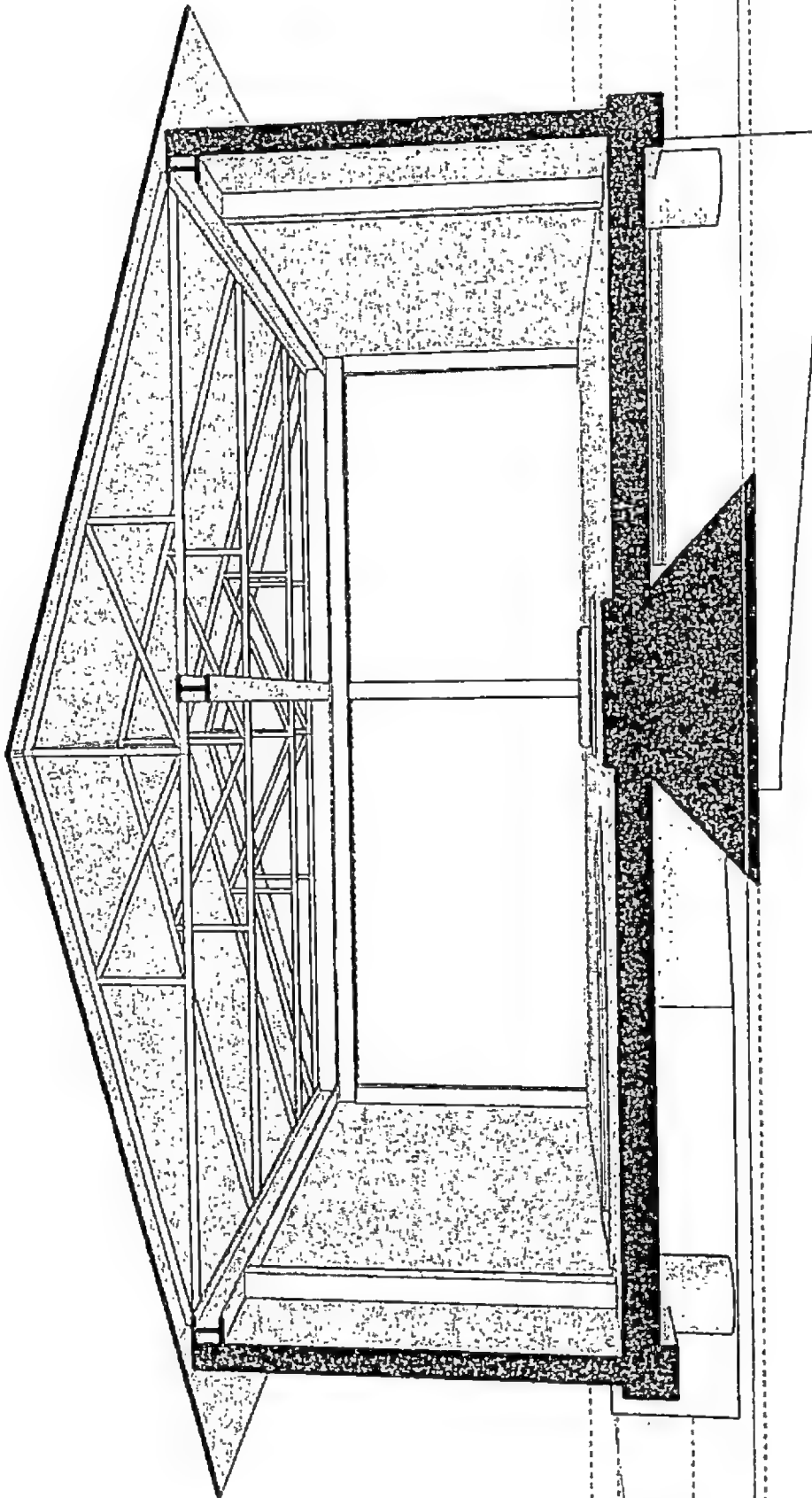


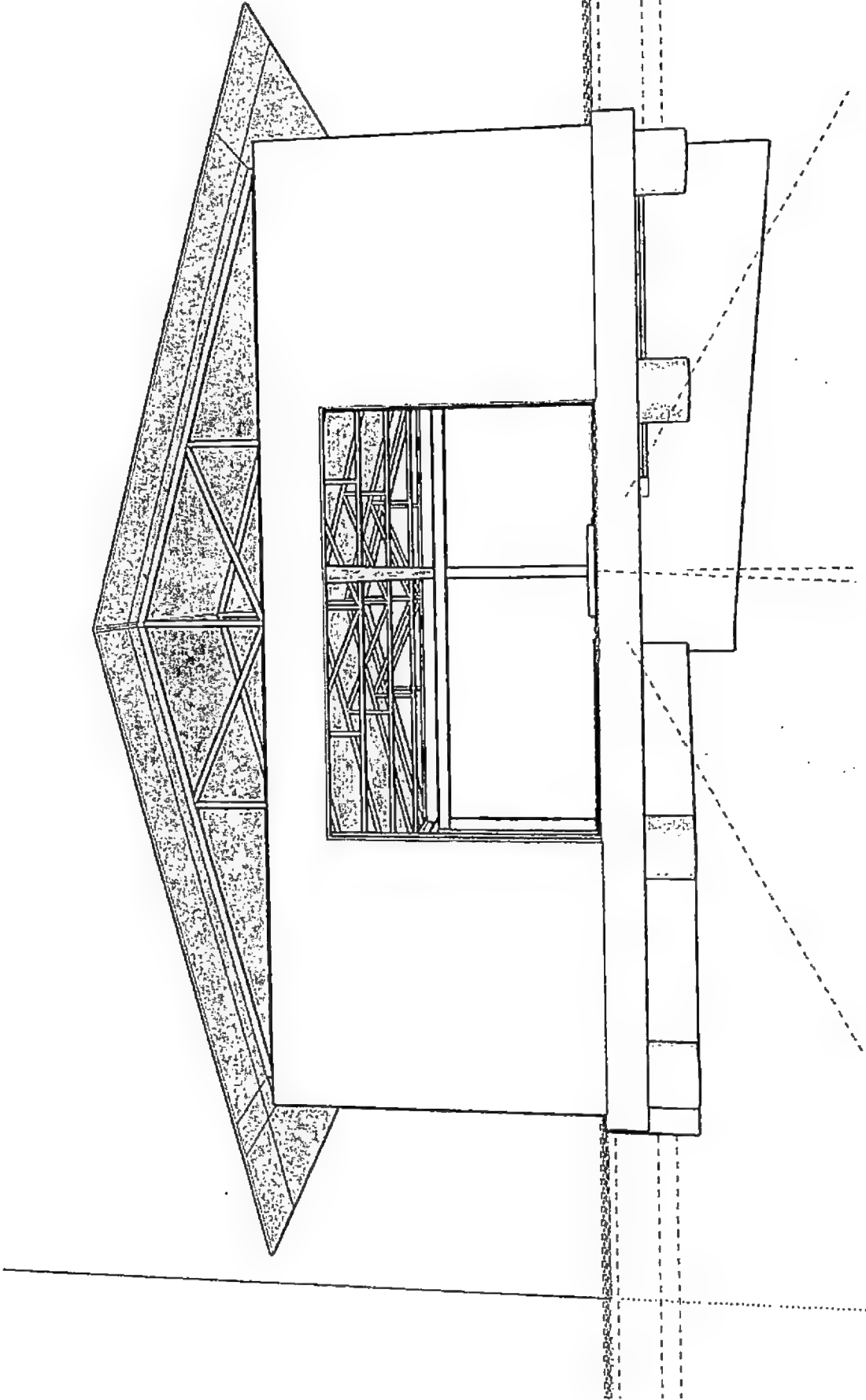


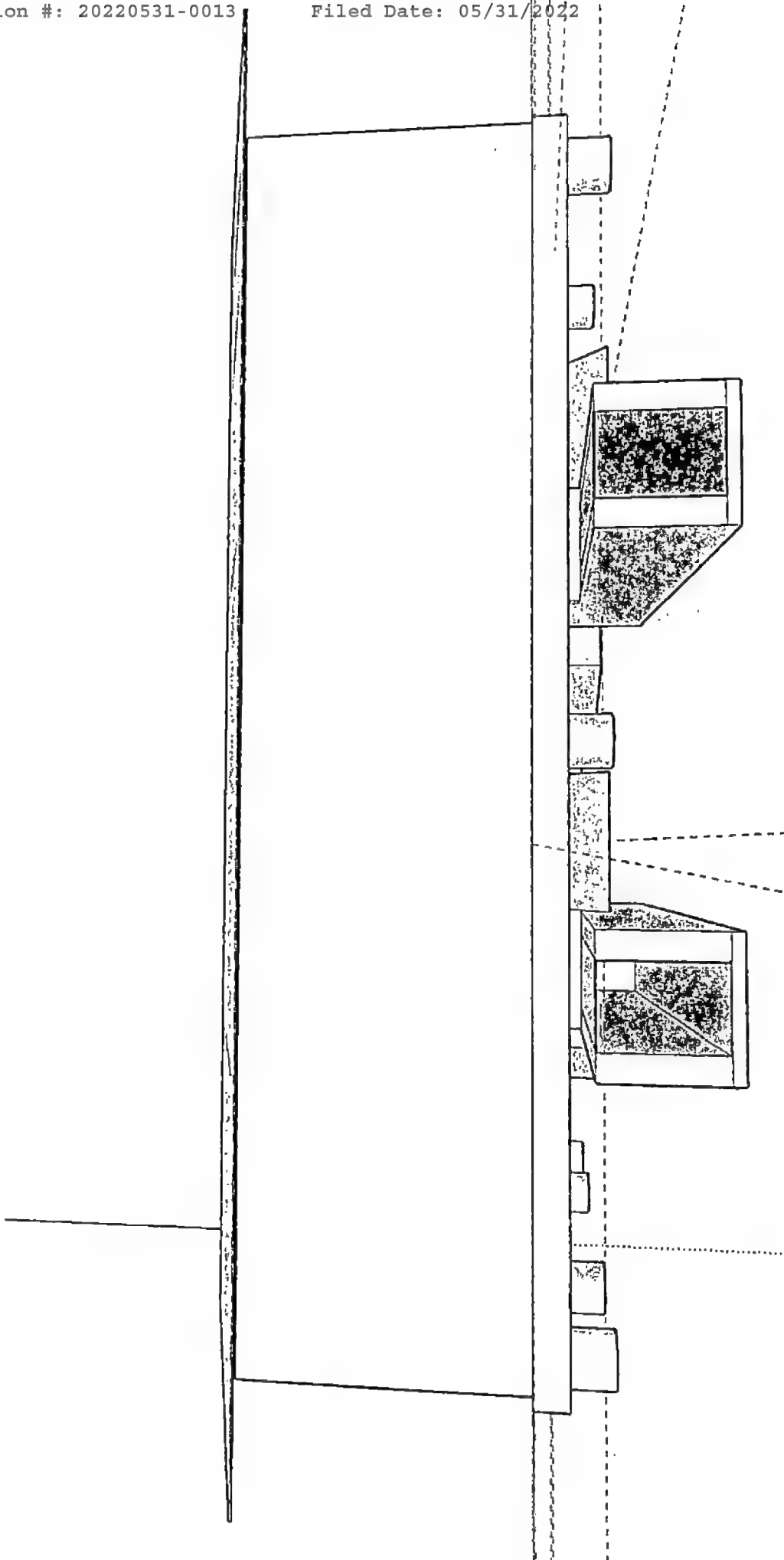


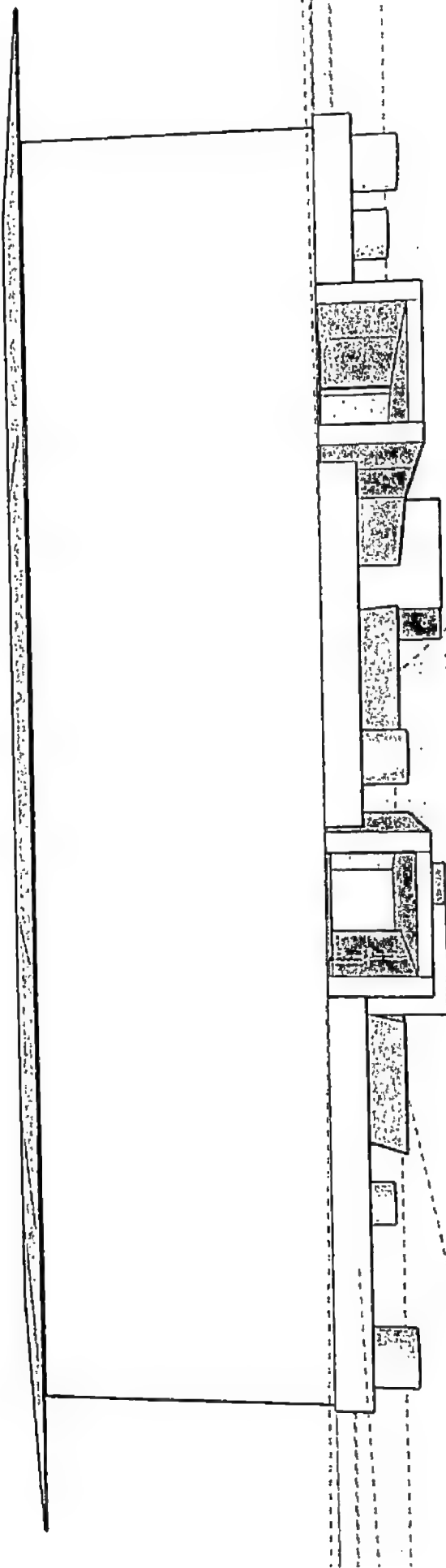


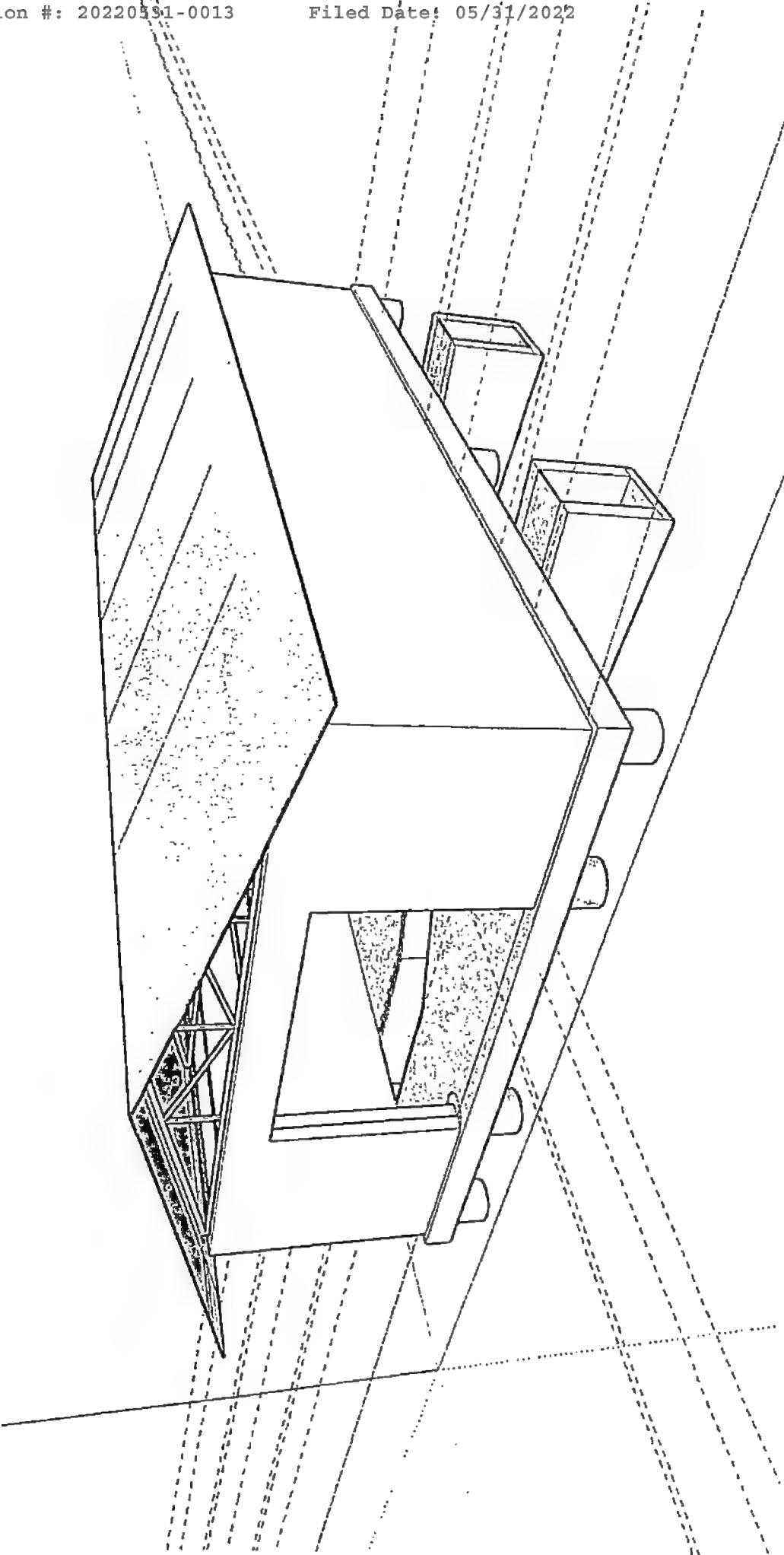


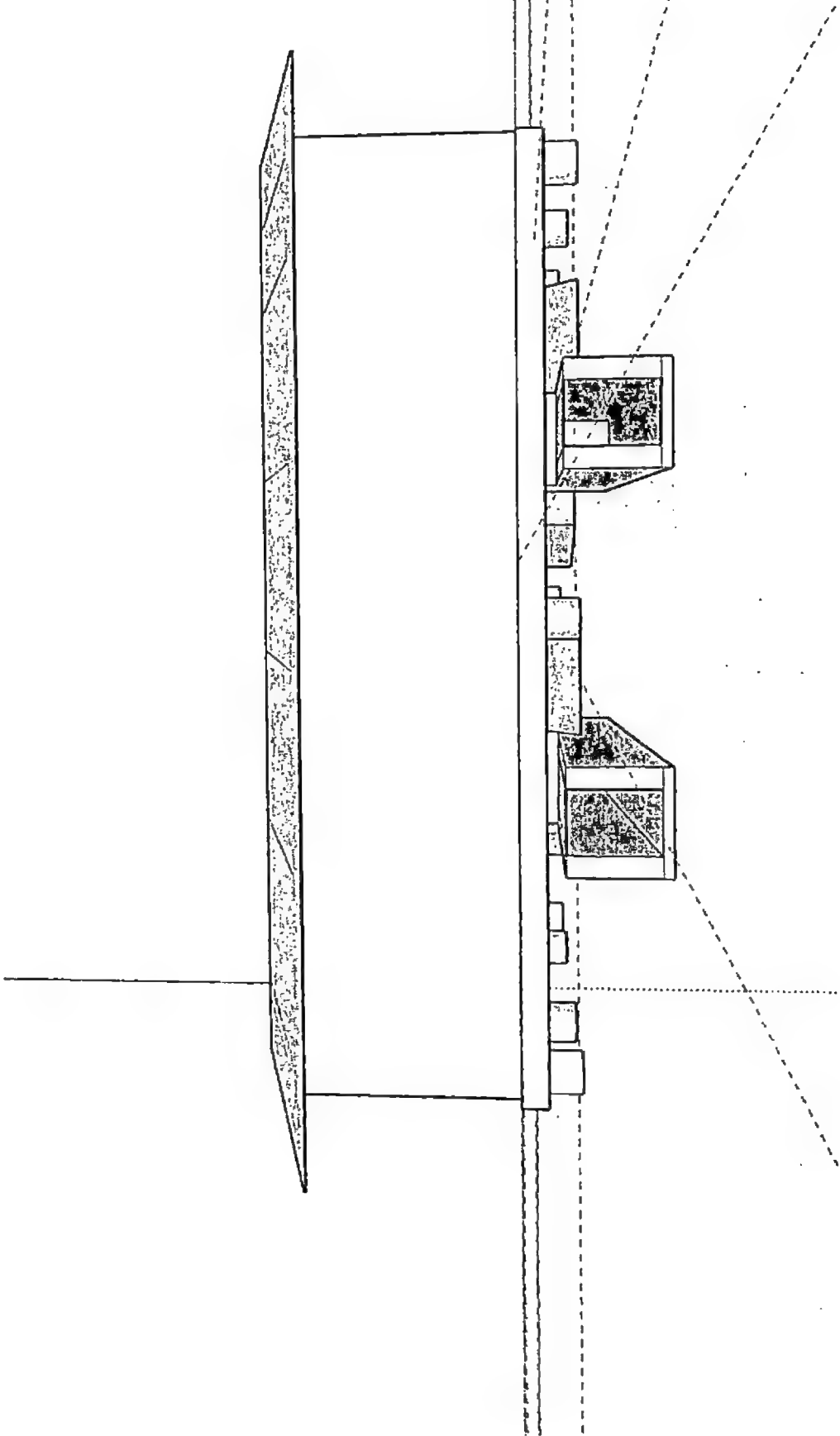




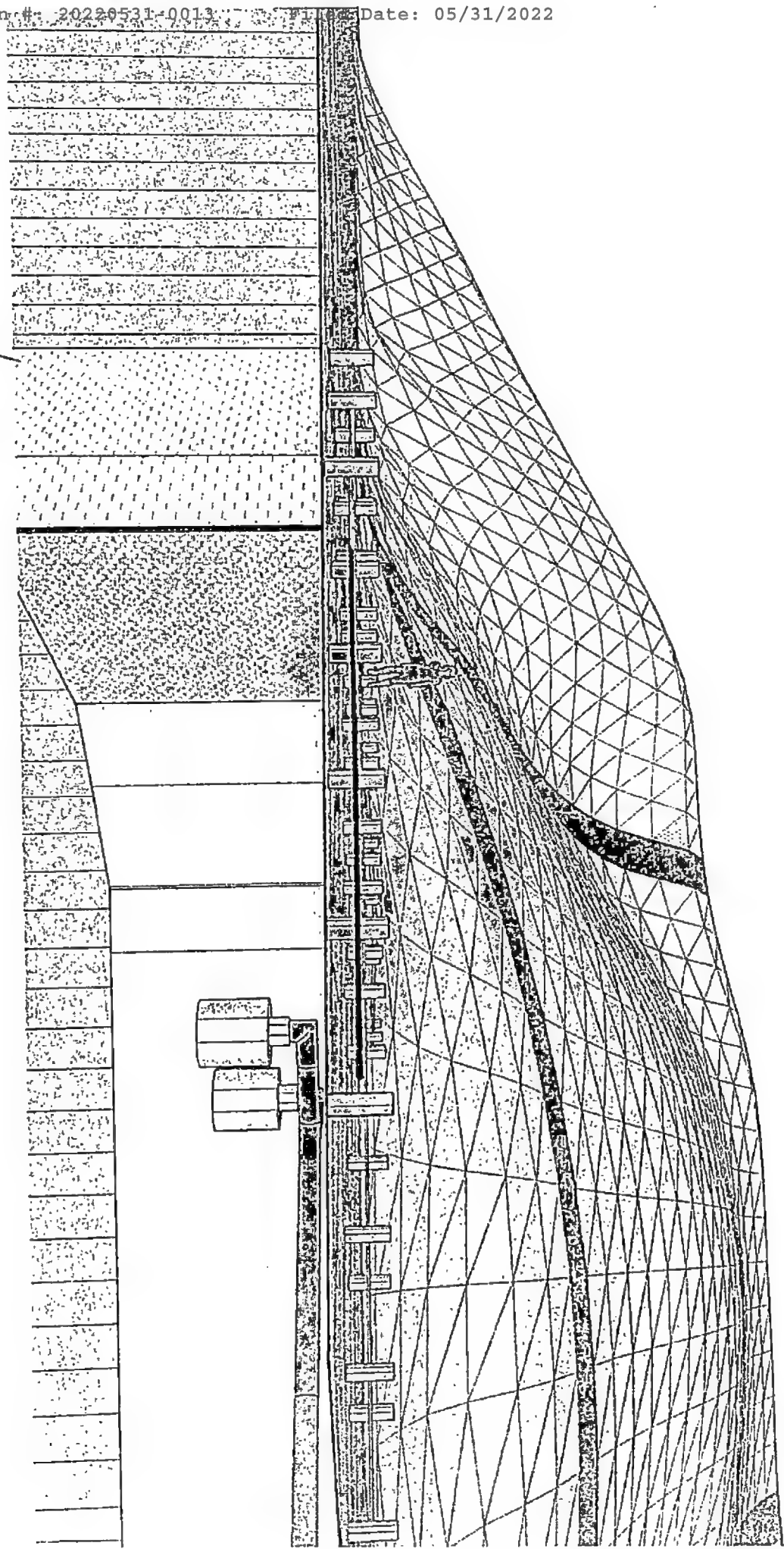


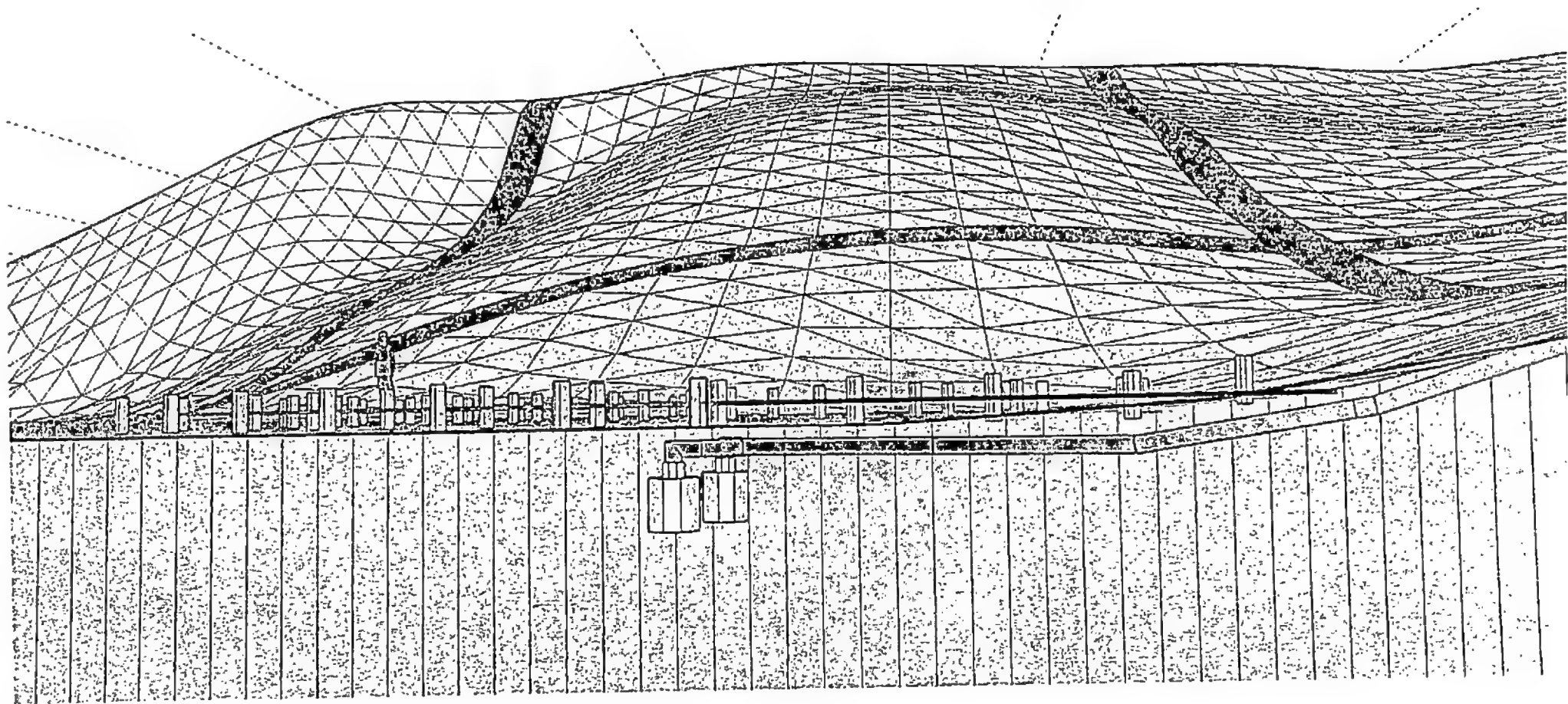


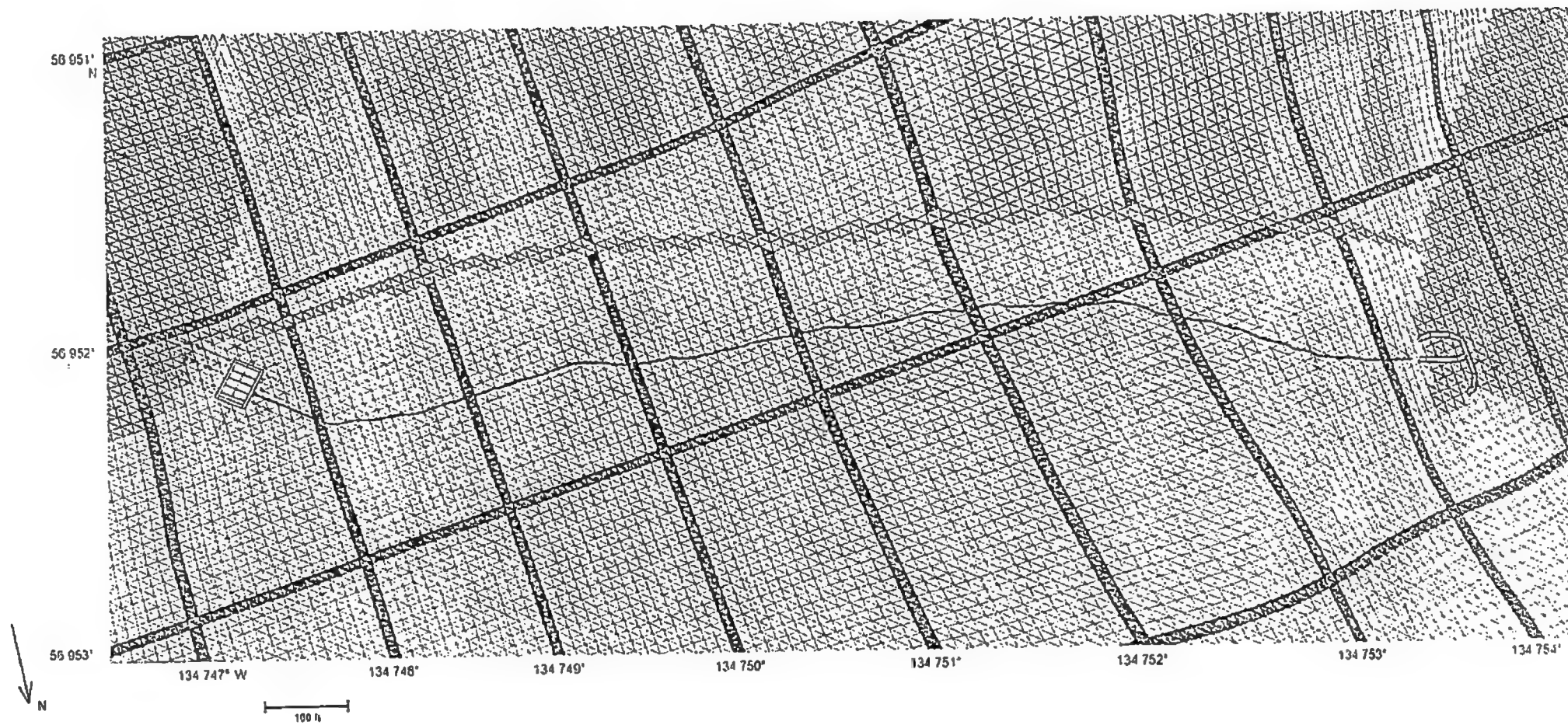


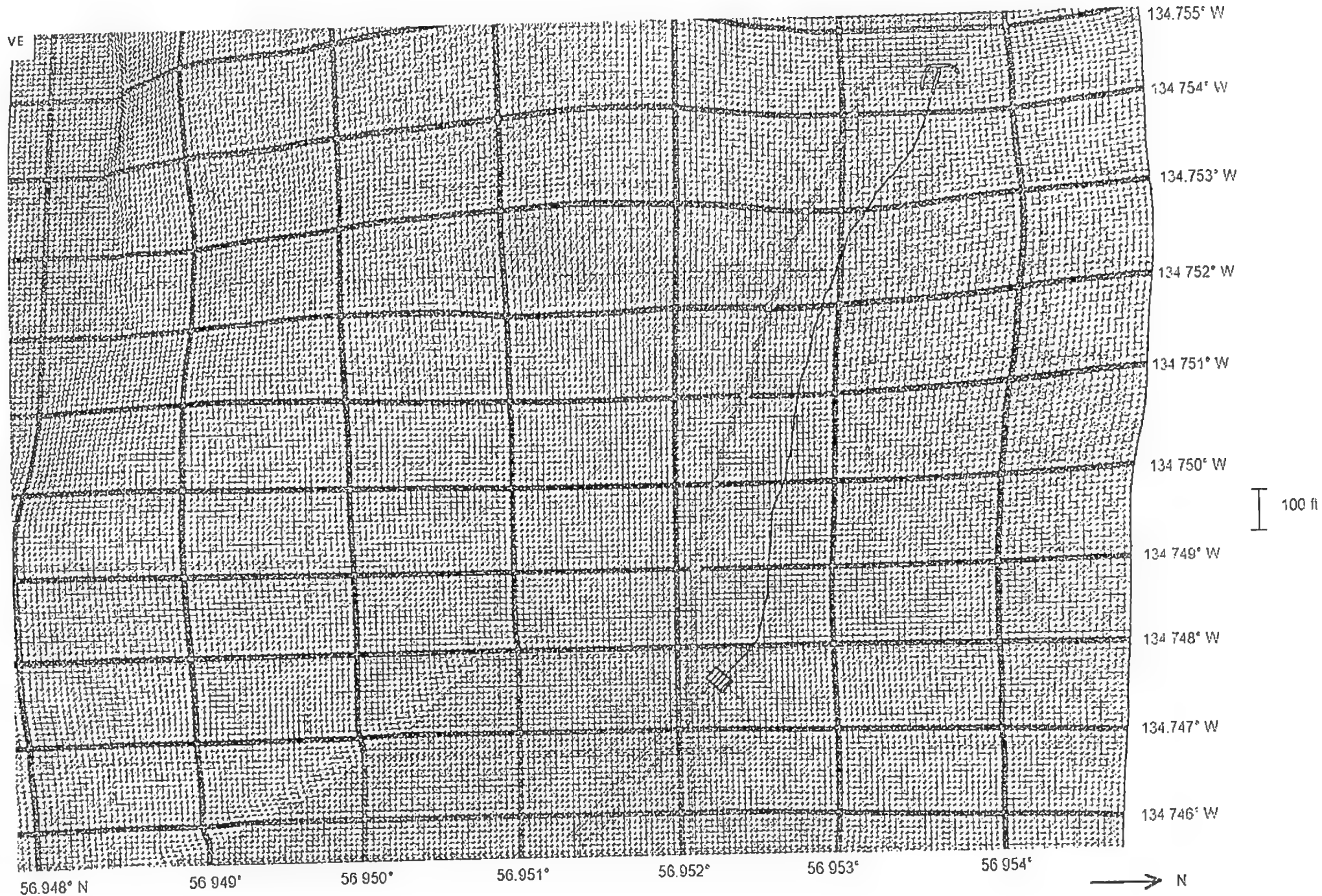


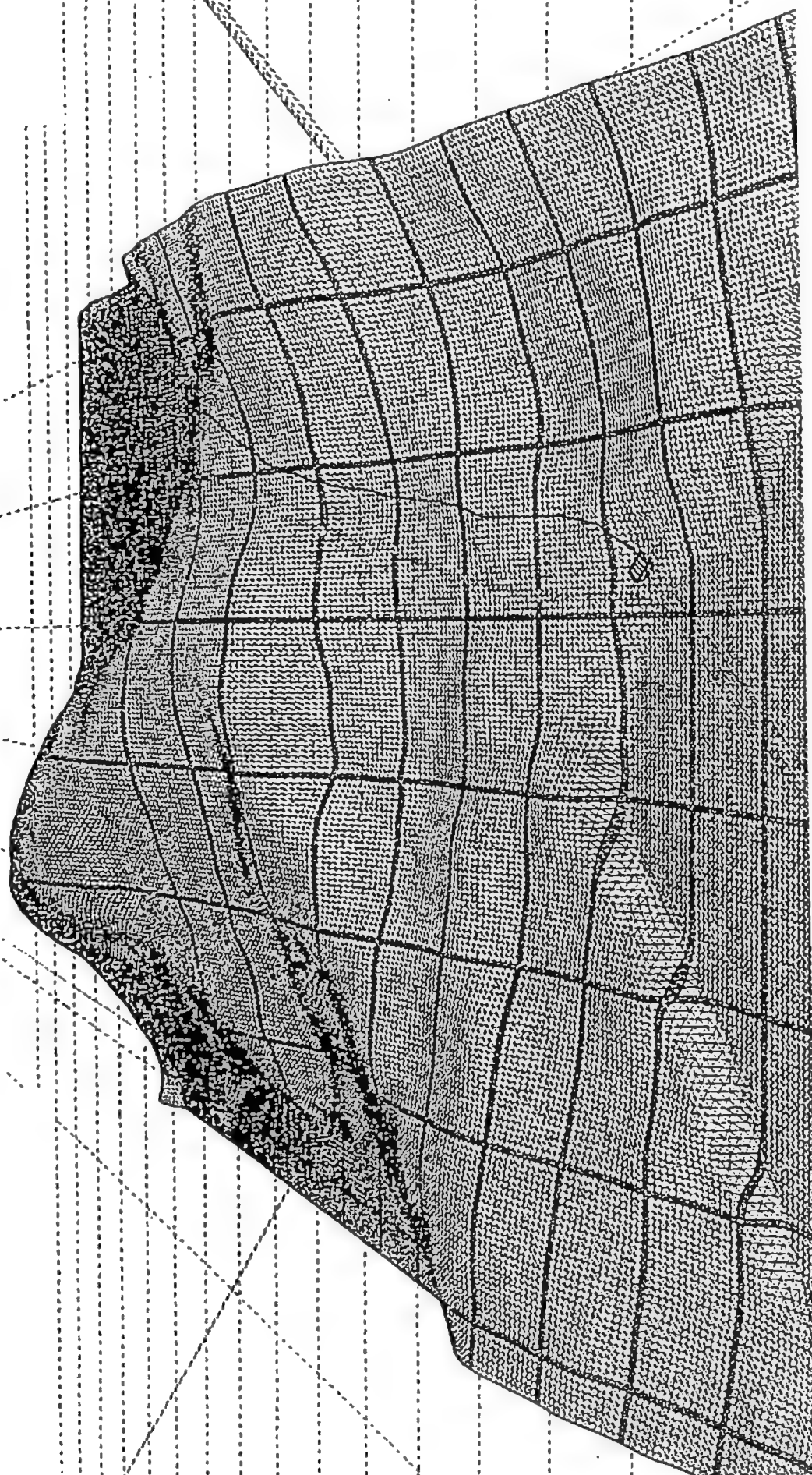
Nel / Fish Barrier

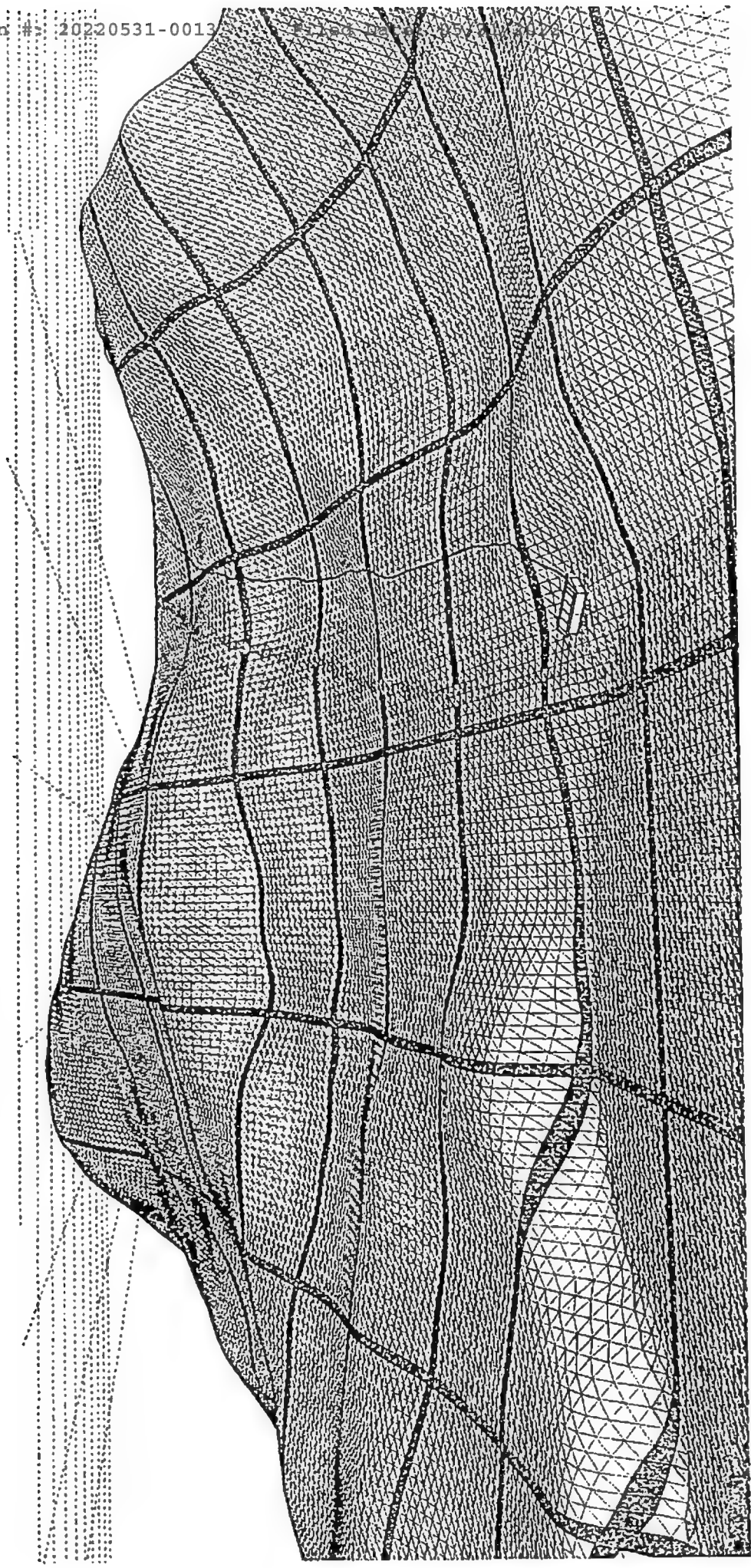


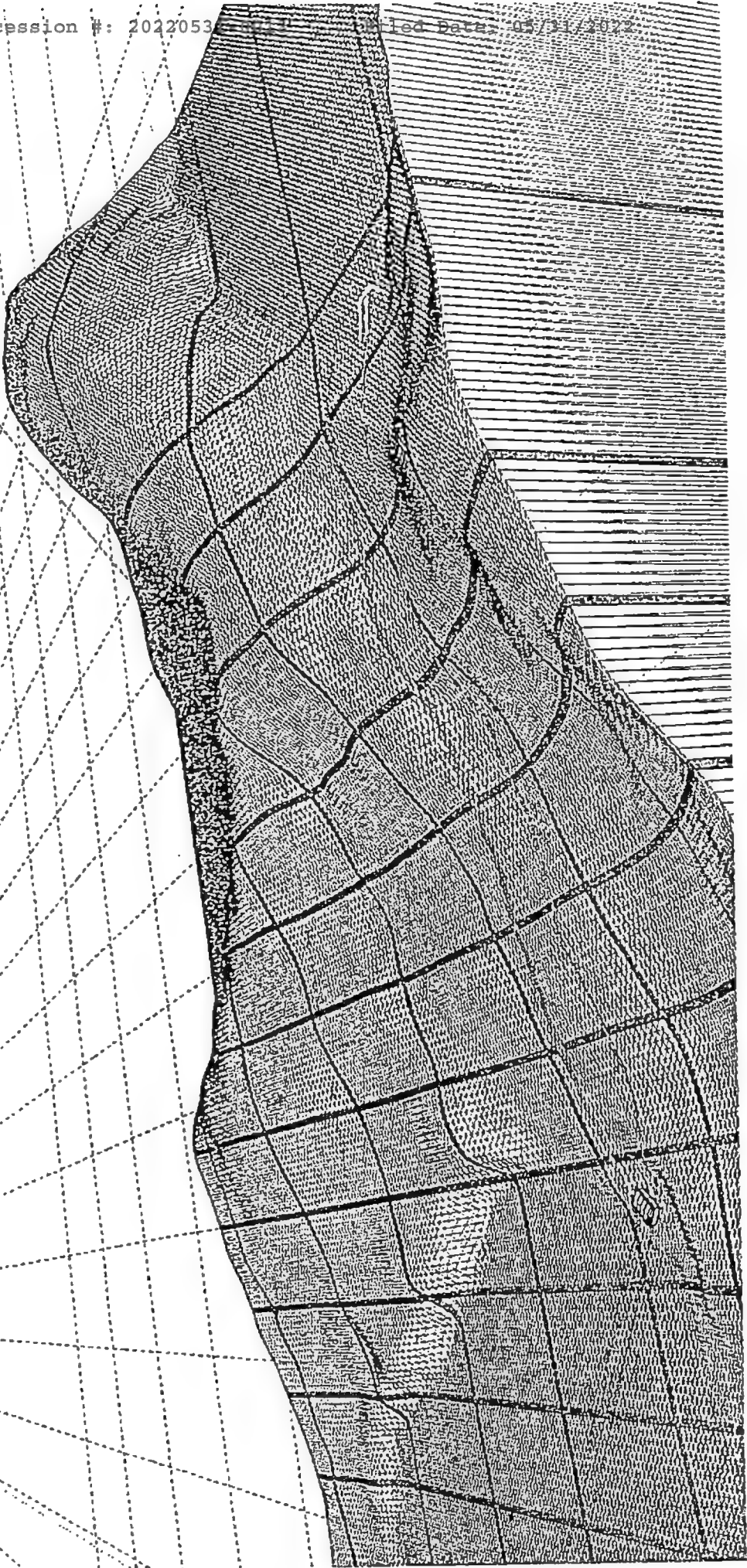


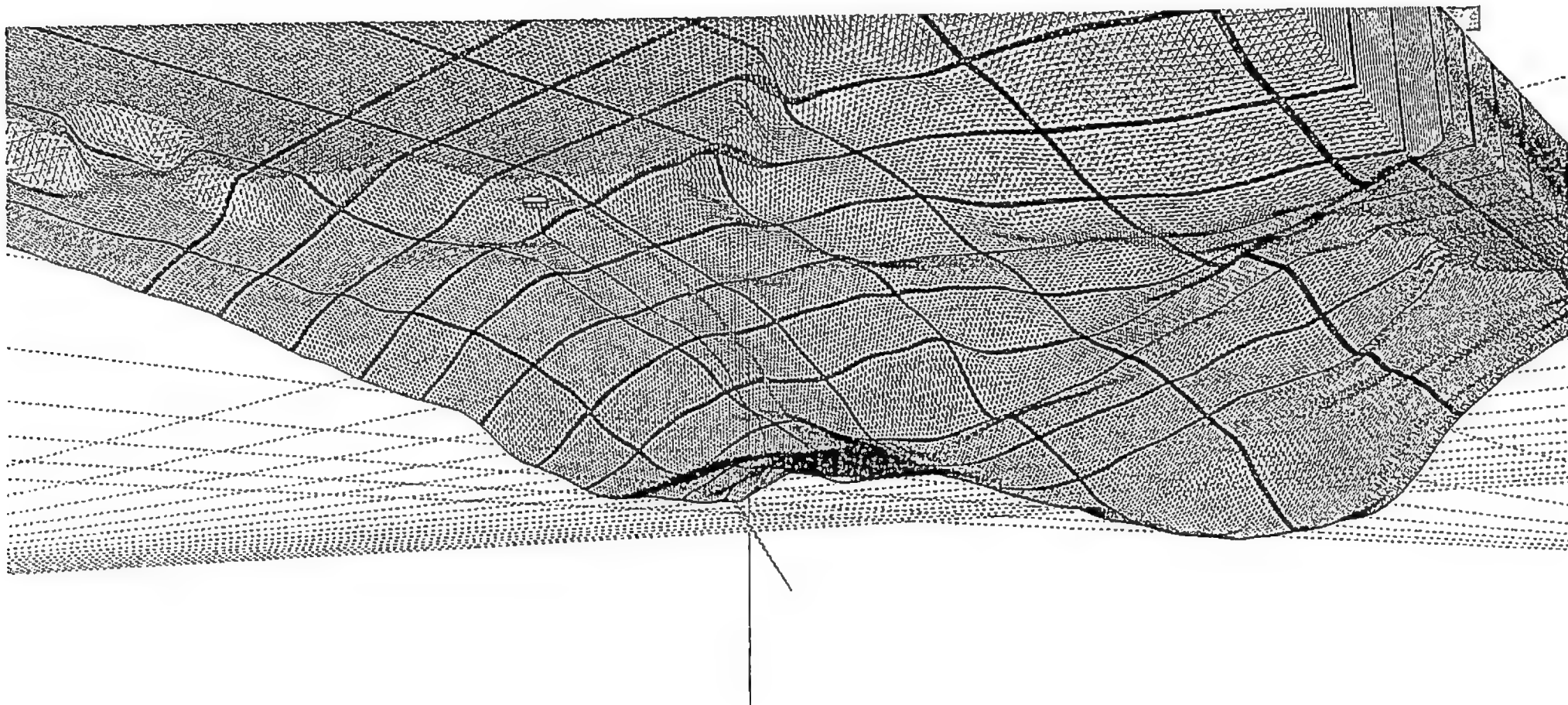


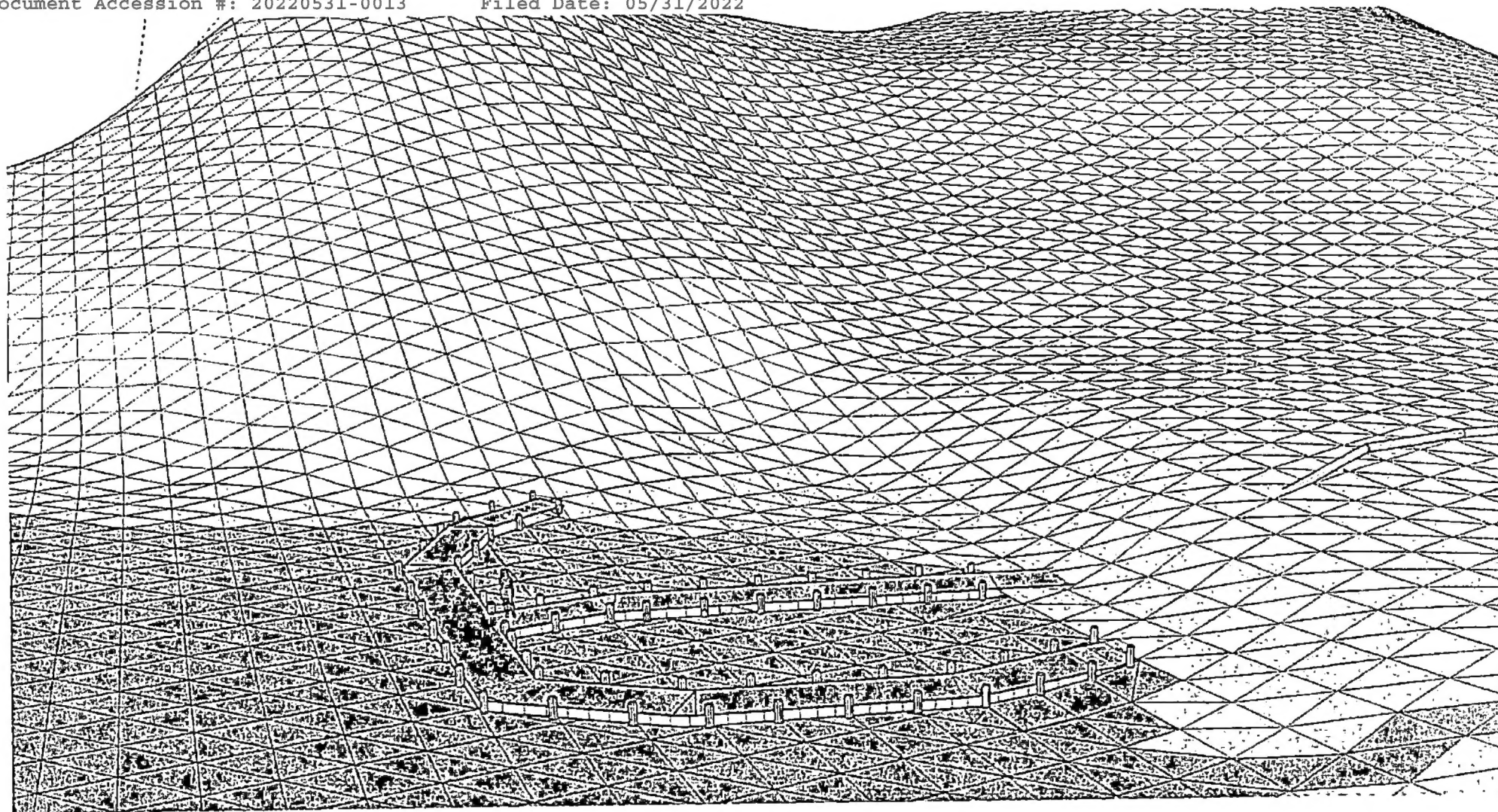


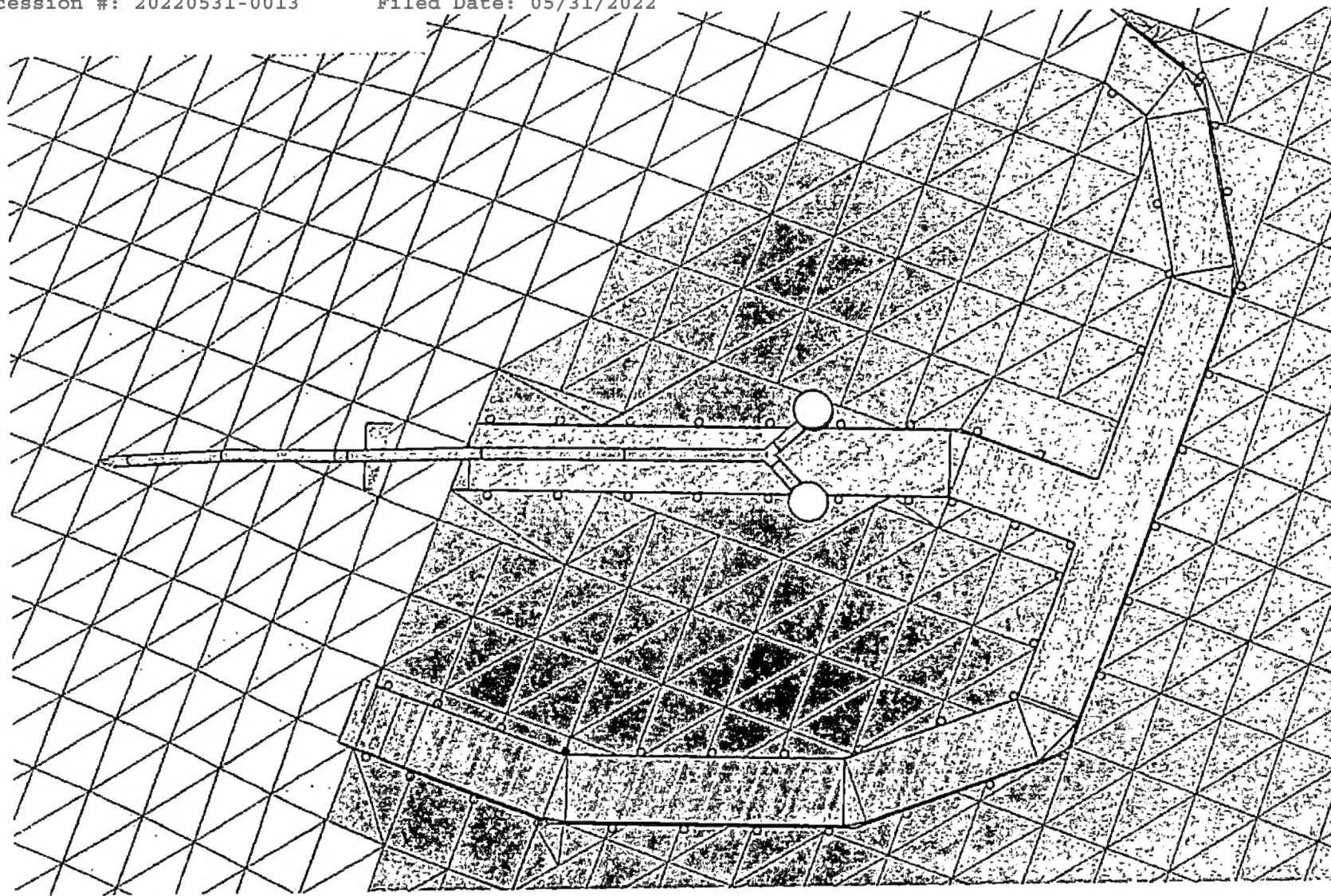




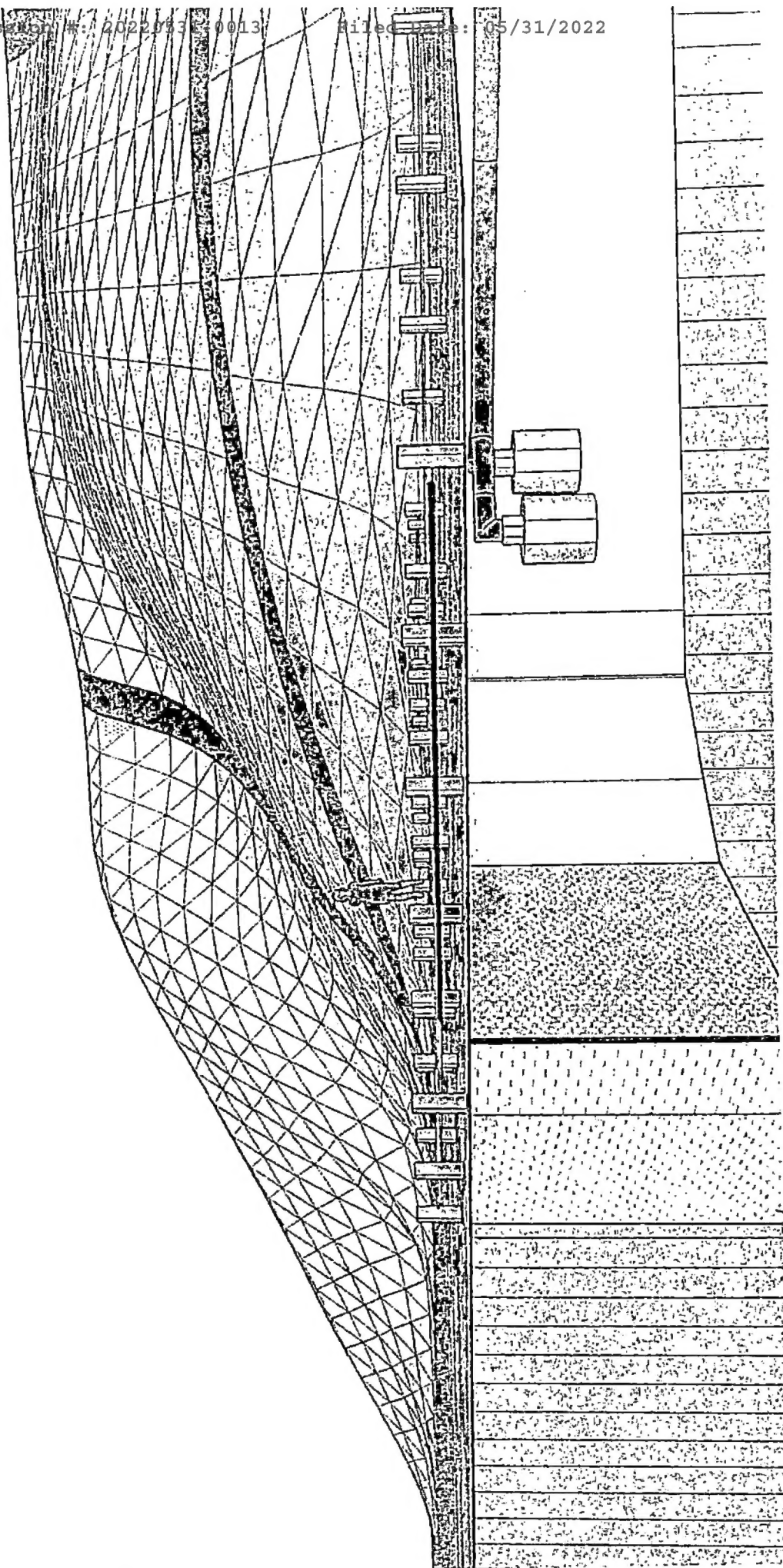








Underneath View of Intake



Net / Fish Barrier

Document Content(s)

DocBatch220601-0003.tif1